

Converting Colors

XYZ(92.0190, 141.4553,
55.9470)

Have a look what the booklet for
XYZ(92.0190, 141.4553, 55.9470)
contains.

XYZ(63.9313, 85.2997, 46.8132)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.9313, 85.2997,
46.8132)**

Conversions

Conversions Part 1

Format	Color
Hex	C0FFA1
RGB	192, 255, 161
RGB Percent	75%, 100%, 63%
CMY	0.2471, 0.0000, 0.3686
CMYK	0.25, 0.00, 0.37, 0.00
HSL	100°, 100%, 82%
HSV	100°, 37%, 100%
XYZ	63.9313, 85.2997, 46.8132
YIQ	225.4470, -7.3740, -42.5900

Conversions

Conversions Part 2

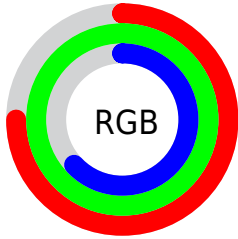
Format	Color
RYB	161, 255, 224
Decimal	12648353
CIELab	94.01, -36.10, 38.73
CIELCh	94, 52.944, 132.991
Yxy	85.2997, 0.3261, 0.4351
Android (android.graphics.Color)	4290838433 (0xFFC0FFA1)
YUV	225.4470, -31.7724, -29.3330
Hunter-Lab	92.3578, -38.0662, 34.5983

Details

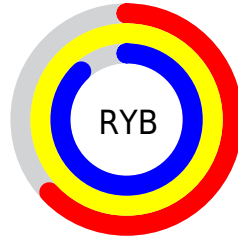
The XYZ color **63.9313, 85.2997, 46.8132** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **61.5364, 48.5583, 100.7371**, and the grayscale version is **72.1149, 75.8705, 82.6230**.

A 20% lighter version of the original color is **87.7087, 96.8537, 79.7175**, and **33.0542, 46.7051, 21.4602** is the 20% darker color. If you saturate the color by 10%, you get **57.8277, 82.3870, 35.9622**, and if you desaturate by 10%, it is **70.9969, 88.6553, 60.1054**.

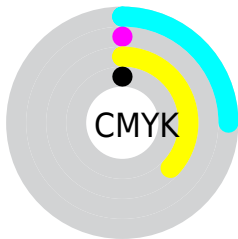
Distribution



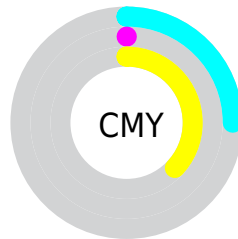
- Red (75%)
- Green (100%)
- Blue (63%)



- Red (63%)
- Yellow (100%)
- Blue (88%)



- Cyan (25%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9313, 85.2997, 46.8132 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 63.9313, 85.2997, 46.8132 by changing the saturation by 10% instead.


 63.9313, 85.2997,
46.8132


 63.9313, 85.2997,
46.8132


428.5477,
512.6192, 390.4406

 46.8565, 64.0890,
32.5347


 109.5863,
140.7918, 86.7818

 33.1297, 46.7228,
21.5021


 138.8972,
175.8421, 113.3090

 22.3855, 32.8166,
13.2967

173.0175,
216.2743, 144.7561

 14.2586, 21.9860,
7.5000

212.3126,
262.4730, 181.5418

 8.3837, 13.8466,
3.6936

257.1478,
314.8224, 224.0846

 4.3953, 8.0140,
1.4588

307.8884,

 1.9281, 4.1039,

373.7070, 272.8029

0.1869

364.9000,
439.5111, 328.1154

0.5931, 1.7319,
0.0000

0.0000, 0.4442,
0.0000

63.9313, 85.2997,
46.8132

63.9313, 85.2997,
46.8132

57.8277, 82.3870,
35.9622

70.9969, 88.6553,
60.1054

52.6397, 79.8966,
27.3998

79.0652, 92.4718,
75.9709

48.3184, 77.8070,
20.9627

88.1761, 96.7671,
94.5370

44.8094, 76.0940,
16.4640

95.0500, 100.0000,
108.9000

■ 42.0507, 74.7305,
13.6842

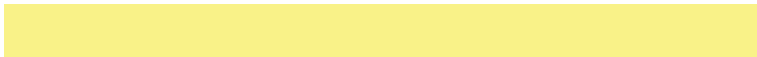
■ 39.9676, 73.6840,
12.3457

■ 39.4245, 73.4091,
12.0915

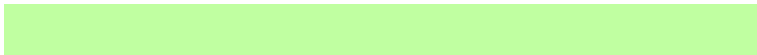
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1219, 85.2997, 35.8370



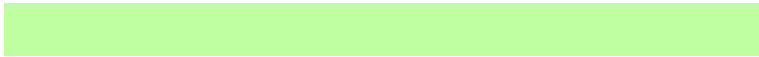
63.9313, 85.2997, 46.8132



57.7802, 85.2997, 71.9338

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.9313, 85.2997, 46.8132



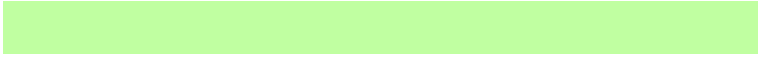
73.3878, 85.2997, 188.8661



110.5192, 85.2997, 76.4673

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



63.9313, 85.2997, 46.8132



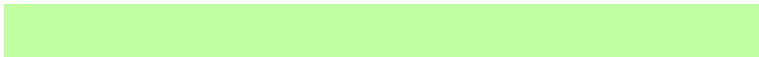
61.5364, 48.5583, 100.7371

Split Complementary

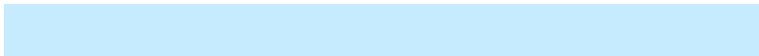
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



109.9146, 85.2997, 117.5350



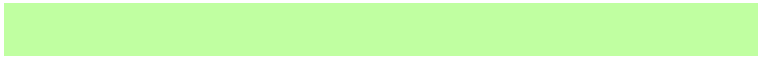
63.9313, 85.2997, 46.8132



87.3341, 85.2997, 191.1401

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.9313, 85.2997, 46.8132



62.7892, 85.2997, 156.6441



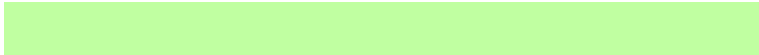
101.0379, 85.2997, 162.1702



102.6049, 85.2997, 49.2976

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.9313, 85.2997, 46.8132



56.8669, 85.2997, 96.9949



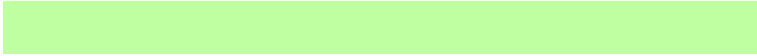
101.0379, 85.2997, 162.1702



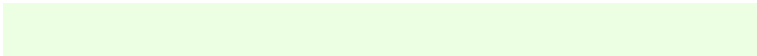
111.3303, 85.2997, 88.8771

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63.9317, 85.2999, 46.8145



84.2768, 94.9304, 86.5184



74.2397, 76.9661, 44.6626



17.7738, 20.1941, 17.9784



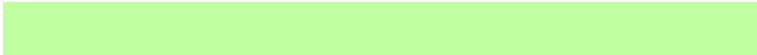
0.0000, 0.0000, 0.0000



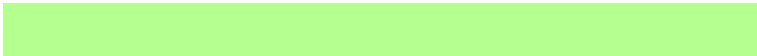
20.3446, 21.4041, 23.3091

Same Dimension

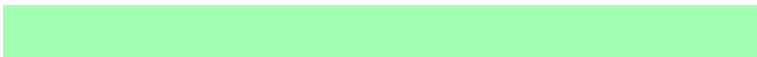
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.9317, 85.2999, 46.8145



59.4788, 83.1765, 38.8270



58.3614, 82.2585, 54.2237



18.3358, 20.4590, 19.1269



20.7397, 38.4298, 6.3246



2.1291, 3.7983, 0.6209

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61.5364, 48.5583, 100.7371



56.7557, 41.7102, 99.6673



69.6147, 53.0025, 88.4815



18.1764, 17.9827, 22.7630



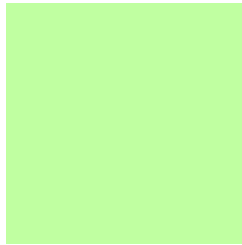
18.3608, 8.3758, 50.0836



1.9032, 0.8750, 4.8819

Previews

White Background



This preview shows how the XYZ color 63.9313, 85.2997, 46.8132 looks on a white background.

Color Contrast Check

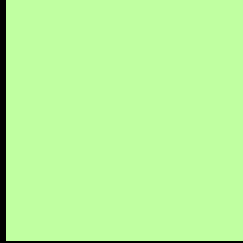
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 63.9313, 85.2997, 46.8132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

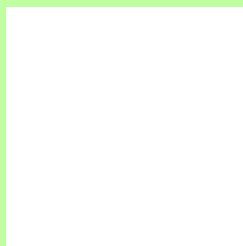
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.9313, 85.2997, 46.8132

Background



This preview shows how black text looks on a background with the XYZ color 63.9313, 85.2997, 46.8132.



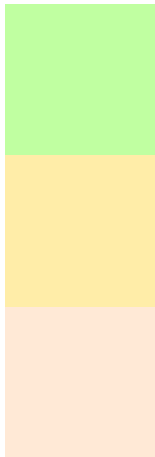
This preview shows how white text looks on a background with the XYZ color 63.9313, 85.2997,

46.8132.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

63.9313, 85.2997, 46.8132

Protanopia

78.5921, 84.6555, 49.2437

Deuteranopia

82.5165, 84.3929, 75.5587



Tritanopia

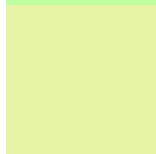
78.1206, 84.8823, 106.8743

Trichromacy



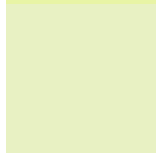
Original Color

63.9313, 85.2997, 46.8132



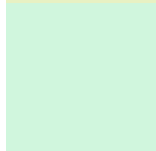
Protanomaly

72.4209, 84.5738, 48.1047



Deuteranomaly

74.5843, 84.0065, 63.9136



Tritanomaly

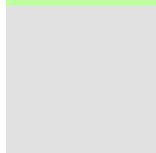
72.0193, 84.5419, 80.9290

Monochromacy



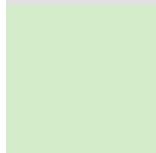
Original Color

63.9313, 85.2997, 46.8132



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

68.0967, 78.4013, 67.4210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9313, 85.2997, 46.8132 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(192, 255, 161)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 161)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(192, 255, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 161) }
```

Border

The CSS property to change the border of an element to XYZ 63.9313, 85.2997, 46.8132 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 255, 161) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(192, 255, 161) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(192, 255, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 161);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9313, 85.2997, 46.8132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 161) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(192,  
255, 161) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor