

Converting Colors

XYZ(61.5117, 82.8927, 54.3689)

Have a look what the booklet for
XYZ(61.5117, 82.8927, 54.3689)
contains.

XYZ(61.6515, 83.0086, 54.3679)	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(61.6515, 83.0086,
54.3679)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FDB1
RGB	179, 253, 177
RGB Percent	70%, 99%, 69%
CMY	0.2980, 0.0078, 0.3059
CMYK	0.29, 0.00, 0.30, 0.01
HSL	118°, 95%, 84%
HSV	118°, 30%, 99%
XYZ	61.6515, 83.0086, 54.3679
YIQ	222.2100, -19.7080, -39.3240

Conversions

Conversions Part 2

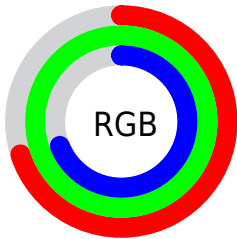
Format	Color
RYB	177, 253, 251
Decimal	11795889
CIELab	93.02, -37.09, 29.29
CIELCh	93, 47.262, 141.697
Yxy	83.0086, 0.3098, 0.4171
Android (android.graphics.Color)	4289985969 (0xFFB3FDB1)
YUV	222.2100, -22.2885, -37.8952
Hunter-Lab	91.1091, -38.6538, 28.3960

Details

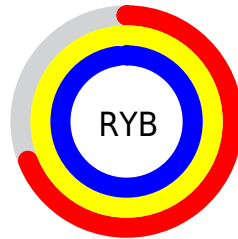
The XYZ color **61.6515, 83.0086, 54.3679** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **73.2391, 59.0479, 100.4701**, and the grayscale version is **69.7439, 73.3761, 79.9065**.

A 20% lighter version of the original color is **85.0601, 95.2361, 90.9900**, and **31.6902, 45.2202, 26.1269** is the 20% darker color. If you saturate the color by 10%, you get **54.1662, 79.4171, 42.0521**, and if you desaturate by 10%, it is **70.6258, 87.3185, 69.1972**.

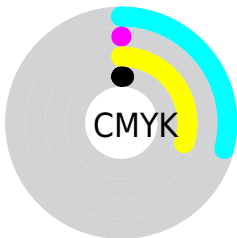
Distribution



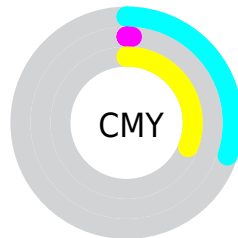
- Red (70%)
- Green (99%)
- Blue (69%)



- Red (69%)
- Yellow (99%)
- Blue (98%)



- Cyan (29%)
- Magenta (0%)
- Yellow (30%)
- Black (1%)





- Cyan (30%)
- Magenta (1%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6515, 83.0086, 54.3679 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 61.6515, 83.0086, 54.3679 by changing the saturation by 10% instead.


 61.6515, 83.0086,
54.3679

 61.6515, 83.0086,
54.3679

420.3966,
505.0152, 420.7256

 45.0057, 62.1972,
38.5007


 106.3145,
137.5875, 98.0761

 31.6632, 45.1921,
26.0667


135.0624,
172.1238, 126.7541

 21.2587, 31.6088,
16.6473


168.5750,
212.0040, 160.5395

 13.4268, 21.0628,
9.8241

207.2177,
257.6123, 199.8507

 7.8021, 13.1699,
5.1784

251.3558,
309.3332, 245.1064

 4.0193, 7.5457,
2.2917

301.3548,

 1.7131, 3.8056,

367.5510, 296.7251

0.7266

357.5799,
432.6502, 355.1253

■ 0.4644, 1.5654,
0.0000

■ 0.0000, 0.3341,
0.0000

■ 61.6515, 83.0086,
54.3679

■ 61.6515, 83.0086,
54.3679

■ 54.1662, 79.4171,
42.0521

■ 70.6258, 87.3185,
69.1972

■ 48.0834, 76.4952,
32.1055

■ 81.1567, 92.3717,
86.6627

■ 43.3178, 74.2045,
24.3777

■ 93.3153, 98.2047,
106.8856

■ 39.7718, 72.4985,
18.6986

■ 94.4169, 98.7339,
108.6890

■ 37.3346, 71.3242,
14.8737

■ 35.8754, 70.6192,
12.6711

■ 35.2102, 70.2968,
11.7129

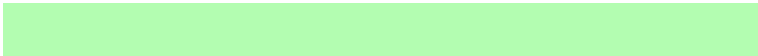
Harmonies

Analogous

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



70.4195, 83.0086, 40.6819



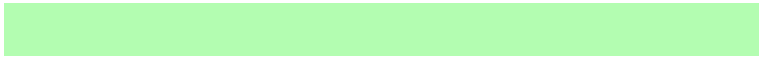
61.6515, 83.0086, 54.3679



57.6076, 83.0086, 80.8898

Triad

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



61.6515, 83.0086, 54.3679



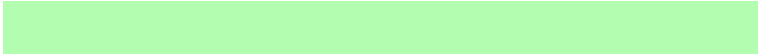
75.5091, 83.0086, 176.0228



103.1478, 83.0086, 67.4476

Complementary

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



61.6515, 83.0086, 54.3679



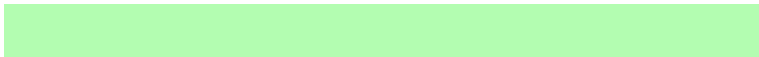
73.2391, 59.0479, 100.4701

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.



104.8755, 83.0086, 100.5897



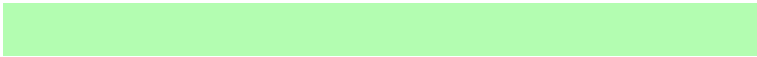
61.6515, 83.0086, 54.3679



88.0294, 83.0086, 169.6822

Square

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



61.6515, 83.0086, 54.3679



65.0426, 83.0086, 155.1355



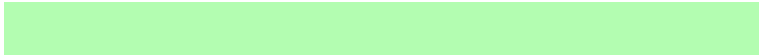
99.0918, 83.0086, 139.5684



94.5915, 83.0086, 46.7428

Rectangle

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



61.6515, 83.0086, 54.3679



57.8063, 83.0086, 104.9207



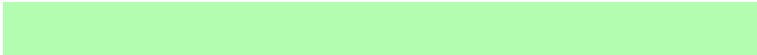
99.0918, 83.0086, 139.5684



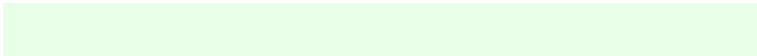
104.5798, 83.0086, 77.2530

Sweetspot

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



61.6536, 83.0121, 54.3697



83.8239, 94.6144, 90.2256



82.7784, 92.7229, 55.1307



17.5807, 20.0781, 18.7122



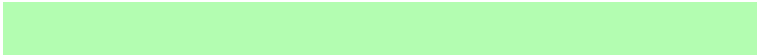
0.0000, 0.0000, 0.0000



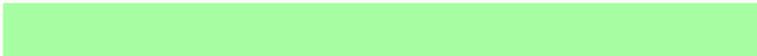
20.3446, 21.4041, 23.3091

Same Dimension

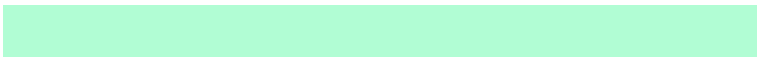
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.6536, 83.0121, 54.3697



58.0339, 82.2369, 47.5590



65.2021, 84.3785, 75.4491



17.8157, 20.1909, 19.1026



18.7483, 37.4032, 6.2314



1.8403, 3.6495, 0.6074

Inverse Universe

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



73.2391, 59.0479, 100.4701



71.5402, 54.2905, 101.3163



68.8270, 57.3667, 73.4579



18.7427, 18.2746, 22.7895



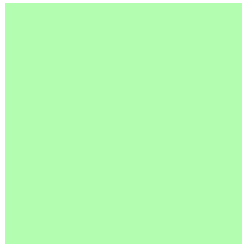
29.7349, 14.2394, 50.6159



2.9095, 1.3938, 4.9290

Previews

White Background



This preview shows how the XYZ color 61.6515, 83.0086, 54.3679 looks on a white background.

Color Contrast Check

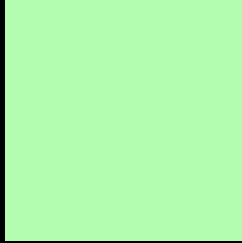
Large Text (above 18pt) WCAG AA × Fail

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 61.6515, 83.0086, 54.3679 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 61.6515, 83.0086, 54.3679

Background



This preview shows how black text looks on a background with the XYZ color 61.6515, 83.0086, 54.3679.



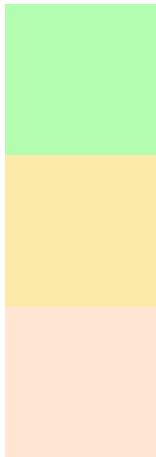
This preview shows how white text looks on a background with the XYZ color 61.6515, 83.0086,

54.3679.

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

61.6515, 83.0086, 54.3679

Protanopia

76.7291, 82.4057, 49.3979

Deuteranopia

80.8922, 81.9518, 72.5276



Tritanopia

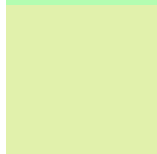
74.3869, 82.5193, 106.6150

Trichromacy



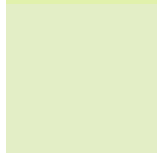
Original Color

61.6515, 83.0086, 54.3679



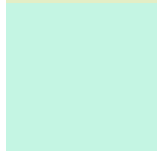
Protanomaly

69.9530, 81.8967, 51.1505



Deuteranomaly

72.4461, 81.5572, 65.3499



Tritanomaly

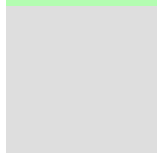
69.2825, 82.5866, 84.9623

Monochromacy



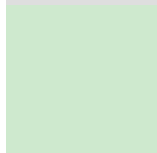
Original Color

61.6515, 83.0086, 54.3679



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.7331, 75.8559, 69.5697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6515, 83.0086, 54.3679 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(179, 253, 177)` looks like.

```
.text, #text, p{  
    color:rgb(179, 253, 177)  
}
```

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(179, 253, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 253, 177) }
```

Border

The CSS property to change the border of an element to XYZ 61.6515, 83.0086, 54.3679 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(179, 253, 177) }
```


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

```
.border{ border-color:rgb(179, 253, 177) }
```

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

Here you see how a box with a 4 pixel rgb(179, 253, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 253, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 253, 177);  
box-shadow:4px 4px 4px 4px rgb(179, 253,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6515, 83.0086, 54.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 253, 177) }
```

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

```
.background{ background-color: rgb(179,  
253, 177) }
```

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