

Converting Colors

XYZ(60.6625, 82.5139, 32.4694)

Have a look what the booklet for
XYZ(60.6625, 82.5139, 32.4694)
contains.

XYZ(60.5686, 82.4646, 32.4636)	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(60.5686, 82.4646,
32.4636)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FC7E
RGB	193, 252, 126
RGB Percent	76%, 99%, 49%
CMY	0.2431, 0.0117, 0.5059
CMYK	0.23, 0.00, 0.50, 0.01
HSL	88°, 95%, 74%
HSV	88°, 50%, 99%
XYZ	60.5686, 82.4646, 32.4636
YIQ	219.9950, 5.2820, -51.6940

Conversions

Conversions Part 2

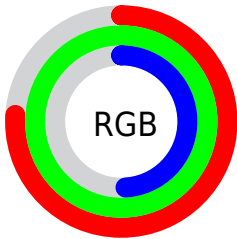
Format	Color
RYB	126, 252, 185
Decimal	12713086
CIELab	92.78, -38.61, 53.94
CIELCh	93, 66.334, 125.594
Yxy	82.4646, 0.3451, 0.4699
Android (android.graphics.Color)	4290903166 (0xFFC1FC7E)
YUV	219.9950, -46.3395, -23.6746
Hunter-Lab	90.8100, -39.8613, 42.3715

Details

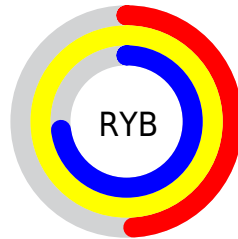
The XYZ color **60.5686, 82.4646, 32.4636** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **45.0426, 32.2666, 95.9542**, and the grayscale version is **68.3366, 71.8954, 78.2941**.

A 20% lighter version of the original color is **84.2454, 95.5516, 57.7192**, and **31.0342, 44.8296, 13.3206** is the 20% darker color. If you saturate the color by 10%, you get **56.2542, 80.4078, 24.8167**, and if you desaturate by 10%, it is **65.5367, 84.8162, 42.2821**.

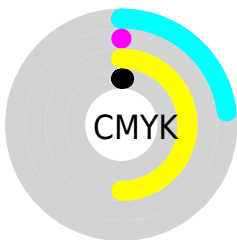
Distribution



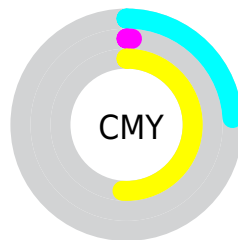
- Red (76%)
- Green (99%)
- Blue (49%)



- Red (49%)
- Yellow (99%)
- Blue (73%)



- Cyan (23%)
- Magenta (0%)
- Yellow (50%)
- Black (1%)




- Cyan (24%)
- Magenta (1%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5686, 82.4646, 32.4636 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 60.5686, 82.4646, 32.4636 by changing the saturation by 10% instead.


 60.5686, 82.4646,
32.4636

 60.5686, 82.4646,
32.4636


416.4917,
503.2004, 327.7833


 44.1283, 61.7486,
21.4481


 104.7557,
136.8253, 64.6435

 30.9697, 44.8296,
13.2575


 133.2333,
171.2388, 86.6450

 20.7275, 31.3232,
7.4733


 166.4539,
210.9869, 113.1455

 13.0363, 20.8451,
3.6769

204.7831,
256.4540, 144.5637

 7.5307, 13.0108,
1.4498

248.5861,
308.0246, 181.3180

 3.8454, 7.4360,
0.1801

298.2283,

 1.6151, 3.7362,

366.0829, 223.8270

0.0000

354.0750,
431.0134, 272.5093

0.4022, 1.5271,
0.0000

0.0000, 0.3077,
0.0000

60.5686, 82.4646,
32.4636

60.5686, 82.4646,
32.4636

56.2542, 80.4078,
24.8167

65.5367, 84.8162,
42.2821

52.5505, 78.6197,
19.1706


71.1859, 87.4658,
54.4152


49.4179, 77.0863,
15.3378


77.5492, 90.4300,
68.9997


46.8075, 75.7876,
13.0926

84.6552, 93.7207,
86.1606

 44.6428, 74.6922,
12.0641

 92.5308, 97.3495,
106.0141

 44.6427, 74.6921,
12.0641

 94.1022, 98.1043,
108.5841

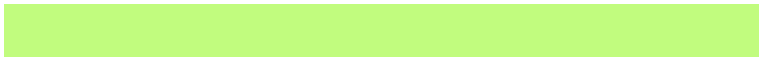
Harmonies

Analogous

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



75.1819, 82.4646, 24.4318



60.5686, 82.4646, 32.4636



51.8219, 82.4646, 55.8965

Triad

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



60.5686, 82.4646, 32.4636



65.4225, 82.4646, 207.4908



116.3681, 82.4646, 80.8195

Complementary

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



60.5686, 82.4646, 32.4636



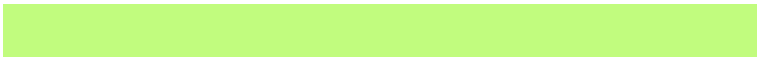
45.0426, 32.2666, 95.9542

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.



112.7439, 82.4646, 135.1894



60.5686, 82.4646, 32.4636



81.6678, 82.4646, 221.8995

Square

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



60.5686, 82.4646, 32.4636



54.3220, 82.4646, 157.4399



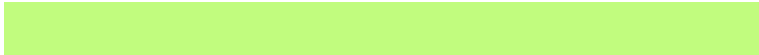
99.3803, 82.4646, 191.6779



108.6621, 82.4646, 44.9701

Rectangle

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



60.5686, 82.4646, 32.4636



49.6709, 82.4646, 82.6679



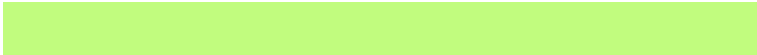
99.3803, 82.4646, 191.6779



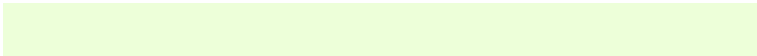
116.4463, 82.4646, 97.3097

Sweetspot

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



60.5706, 82.4682, 32.4654



83.2063, 94.5364, 79.3372



61.2211, 56.8191, 27.4803



17.4838, 20.0837, 16.1987



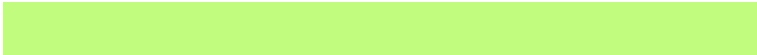
0.0000, 0.0000, 0.0000



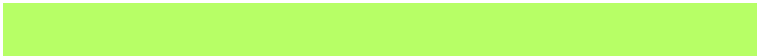
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5706, 82.4682, 32.4654



57.7705, 82.5898, 25.4670



47.8154, 75.8927, 31.8684



17.8986, 19.7635, 18.3338



23.4256, 38.9946, 6.2921



2.2920, 3.6747, 0.5885

Inverse Universe

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



45.0426, 32.2666, 95.9542



40.1787, 25.6811, 97.4470



63.6753, 41.8721, 96.8262



17.0559, 17.0414, 21.7757



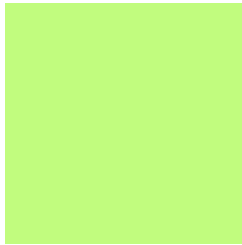
13.2120, 5.7537, 48.3878



1.3448, 0.5954, 4.4872

Previews

White Background



This preview shows how the XYZ color 60.5686, 82.4646, 32.4636 looks on a white background.

Color Contrast Check

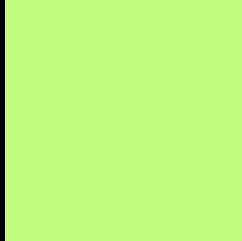
Large Text (above 18pt) WCAG AA × Fail

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 60.5686, 82.4646, 32.4636 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

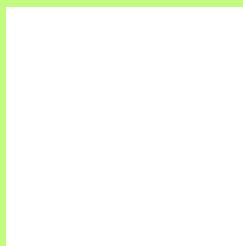
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5686, 82.4646, 32.4636

Background



This preview shows how black text looks on a background with the XYZ color 60.5686, 82.4646, 32.4636.



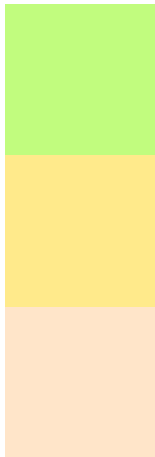
This preview shows how white text looks on a background with the XYZ color 60.5686, 82.4646,

32.4636.

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

60.5686, 82.4646, 32.4636

Protanopia

75.3230, 81.9697, 36.2779

Deuteranopia

79.8019, 81.5157, 66.7864



Tritanopia

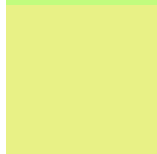
75.7748, 81.9345, 106.4289

Trichromacy



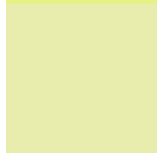
Original Color

60.5686, 82.4646, 32.4636



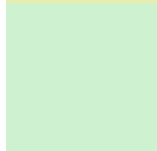
Protanomaly

69.0371, 81.7876, 34.7022



Deuteranomaly

71.2029, 80.7802, 51.8837



Tritanomaly

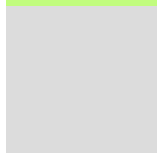
68.5909, 81.1801, 71.7287

Monochromacy



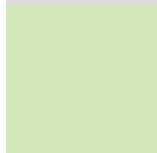
Original Color

60.5686, 82.4646, 32.4636



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.2979, 74.9600, 57.5342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5686, 82.4646, 32.4636 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(193, 252, 126)` looks like.

```
.text, #text, p{  
    color:rgb(193, 252, 126)  
}
```

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(193, 252, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 252, 126) }
```

Border

The CSS property to change the border of an element to XYZ 60.5686, 82.4646, 32.4636 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(193, 252, 126) }
```


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

```
.border{ border-color:rgb(193, 252, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 252, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 252, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 252, 126);  
box-shadow:4px 4px 4px 4px rgb(193, 252,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5686, 82.4646, 32.4636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 252, 126) }
```

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

```
.background{ background-color: rgb(193,  
252, 126) }
```

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