

Converting Colors

XYZ(50.7259, 65.2229, 32.4700)

Have a look what the booklet for
XYZ(50.7259, 65.2229, 32.4700)
contains.

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Color

**XYZ(50.7259, 65.2229,
32.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E086
RGB	184, 224, 134
RGB Percent	72%, 88%, 53%
CMY	0.2784, 0.1215, 0.4745
CMYK	0.18, 0.00, 0.40, 0.12
HSL	87°, 59%, 70%
HSV	87°, 40%, 88%
XYZ	50.7259, 65.2229, 32.4700
YIQ	201.7800, 5.0500, -36.4700

Conversions

Conversions Part 2

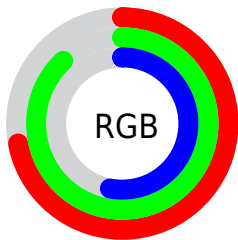
Format	Color
RYB	134, 224, 174
Decimal	12116102
CIELab	84.60, -28.04, 39.83
CIELCh	85, 48.708, 125.151
Yxy	65.2229, 0.3418, 0.4395
Android (android.graphics.Color)	4290306182 (0xFFB8E086)
YUV	201.7800, -33.4155, -15.5931
Hunter-Lab	80.7607, -29.2151, 32.6948

Details

The XYZ color **50.7259, 65.2229, 32.4700** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **39.4379, 31.4325, 74.5132**, and the grayscale version is **56.2028, 59.1298, 64.3923**.

A 20% lighter version of the original color is **81.1127, 93.8516, 61.4170**, and **24.8026, 33.6676, 13.3749** is the 20% darker color. If you saturate the color by 10%, you get **47.0248, 63.4788, 24.9875**, and if you desaturate by 10%, it is **54.9291, 67.1917, 41.7060**.

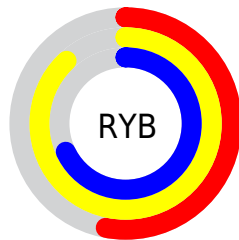
Distribution



Red (72%)

Green (88%)

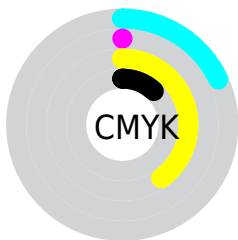
Blue (53%)



Red (53%)

Yellow (88%)

Blue (68%)

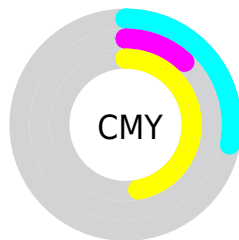


Cyan (18%)

Magenta (0%)

Yellow (40%)

Black (12%)



Cyan (28%)


Magenta (12%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7259, 65.2229, 32.4700 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 50.7259, 65.2229, 32.4700 by changing the saturation by 10% instead.


 50.7259, 65.2229,
32.4700

 50.7259, 65.2229,
32.4700


379.9031,
443.5925, 327.8132


 36.2107, 47.6418,
21.4530


 90.4349, 112.3703,
64.6536

 24.7678, 33.5433,
13.2610


 116.3593,
142.7054, 86.6573

 16.0320, 22.5430,
7.4757


 146.8176,
178.0606, 113.1602

 9.6378, 14.2564,
3.6784

182.1750,
218.8203, 144.5810

 5.2199, 8.2992,
1.4506

222.7969,
265.3690, 181.3381

 2.4129, 4.2870,
0.1807

269.0486,

 0.8516, 1.8354,

318.0910, 223.8502

0.0000

321.2956,
377.3707, 272.5357

0.0000, 0.5091,
0.0000

0.0000, 0.0000,
0.0000

50.7259, 65.2229,
32.4700

50.7259, 65.2229,
32.4700

47.0248, 63.4788,
24.9875

54.9291, 67.1917,
41.7060

43.7965, 61.9405,
19.1430


59.6521, 69.3860,
52.7926


41.0154, 60.5997,
14.8141


64.9174, 71.8174,
65.8249


38.6511, 59.4439,
11.8592

70.7449, 74.4942,
80.8904


 36.6679, 58.4582,
10.1100

 77.1531, 77.4241,
98.0709

 35.0327, 57.6319,
9.2777

 81.9253, 79.7208,
105.6775

 85.4694, 81.5478,
105.8433

 85.9470, 81.7941,
105.8657

Harmonies

Analogous

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



60.1357, 65.2229, 26.5407



50.7259, 65.2229, 32.4700



44.9022, 65.2229, 48.7245

Triad

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



50.7259, 65.2229, 32.4700



53.6212, 65.2229, 140.3177



85.2137, 65.2229, 65.7795

Complementary

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



50.7259, 65.2229, 32.4700



39.4379, 31.4325, 74.5132

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.



82.9472, 65.2229, 99.2431



50.7259, 65.2229, 32.4700



63.8869, 65.2229, 148.8258

Square

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



50.7259, 65.2229, 32.4700



46.4319, 65.2229, 111.3322



74.8146, 65.2229, 132.0287



80.6906, 65.2229, 41.8397

Rectangle

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



50.7259, 65.2229, 32.4700



43.4192, 65.2229, 66.0781



74.8146, 65.2229, 132.0287



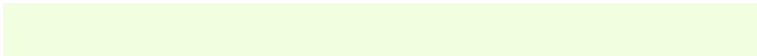
85.2255, 65.2229, 76.1953

Sweetspot

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



50.7275, 65.2258, 32.4714



85.6808, 95.6946, 84.7608



49.9896, 47.4580, 29.0808



18.1352, 20.3885, 17.6317



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.



50.7275, 65.2258, 32.4714



63.9447, 85.5639, 35.1909



41.7760, 60.6111, 32.0525



14.2533, 15.7107, 14.5880



20.5248, 33.6134, 5.4063



1.5252, 2.3827, 0.3795

Inverse Universe

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



39.4379, 31.4325, 74.5132



46.8776, 34.4512, 98.7868



50.8956, 37.3392, 75.0494



13.5275, 13.5399, 17.2882



10.9904, 4.7611, 41.3881



0.8636, 0.3825, 2.8736

Previews

White Background



This preview shows how the XYZ color 50.7259, 65.2229, 32.4700 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 50.7259, 65.2229, 32.4700 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 50.7259, 65.2229, 32.4700

Background



This preview shows how black text looks on a background with the XYZ color 50.7259, 65.2229, 32.4700.



This preview shows how white text looks on a background with the XYZ color 50.7259, 65.2229,

32.4700.

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

50.7259, 65.2229, 32.4700

Protanopia

59.8898, 64.9965, 30.1579

Deuteranopia

66.0549, 64.5200, 33.3982



Tritanopia

61.1031, 65.1720, 84.2219

Trichromacy



Original Color

50.7259, 65.2229, 32.4700

Protanomaly

56.0932, 64.8966, 31.0426

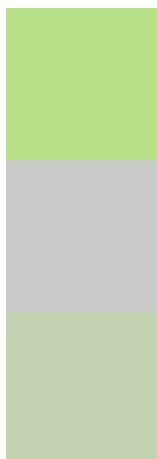
Deuteranomaly

59.3107, 63.9011, 32.8750

Tritanomaly

56.4014, 64.7723, 61.1594

Monochromacy



Original Color

50.7259, 65.2229, 32.4700

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

53.4881, 60.8696, 50.5249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7259, 65.2229, 32.4700 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(184, 224, 134)` looks like.

```
.text, #text, p{  
    color:rgb(184, 224, 134)  
}
```

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(184, 224, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 224, 134) }
```

Border

The CSS property to change the border of an element to XYZ 50.7259, 65.2229, 32.4700 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(184, 224, 134) }
```


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

```
.border{ border-color:rgb(184, 224, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 224, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 224, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 224, 134);  
box-shadow:4px 4px 4px 4px rgb(184, 224,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7259, 65.2229, 32.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 224, 134) }
```

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

```
.background{ background-color: rgb(184,  
224, 134) }
```

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](#).

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