

Converting Colors

XYZ(50.2911, 66.3782, 24.9135)

Have a look what the booklet for
XYZ(50.2911, 66.3782, 24.9135)
contains.

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Color

**XYZ(50.2911, 66.3782,
24.9135)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E36E
RGB	185, 227, 110
RGB Percent	73%, 89%, 43%
CMY	0.2745, 0.1098, 0.5686
CMYK	0.19, 0.00, 0.52, 0.11
HSL	82°, 68%, 66%
HSV	82°, 52%, 89%
XYZ	50.2911, 66.3782, 24.9135
YIQ	201.1040, 12.5250, -45.2910

Conversions

Conversions Part 2

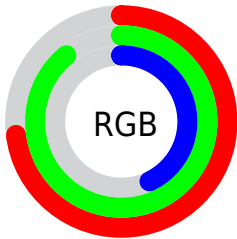
Format	Color
RYB	110, 227, 152
Decimal	12182382
CIELab	85.19, -31.75, 52.14
CIELCh	85, 61.044, 121.340
Yxy	66.3782, 0.3552, 0.4688
Android (android.graphics.Color)	4290372462 (0xFFB9E36E)
YUV	201.1040, -44.9143, -14.1232
Hunter-Lab	81.4728, -32.3939, 38.9007

Details

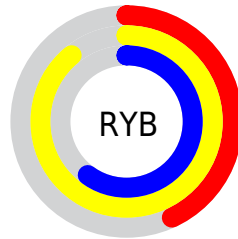
The XYZ color **50.2911, 66.3782, 24.9135** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **32.3926, 23.3751, 75.4814**, and the grayscale version is **55.8477, 58.7562, 63.9855**.

A 20% lighter version of the original color is **79.4230, 93.2550, 48.9359**, and **24.3547, 34.0884, 9.1670** is the 20% darker color. If you saturate the color by 10%, you get **47.3005, 64.9636, 19.1280**, and if you desaturate by 10%, it is **53.7142, 67.9834, 32.3742**.

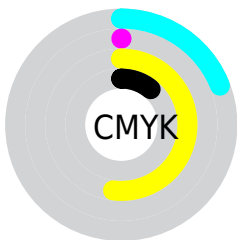
Distribution



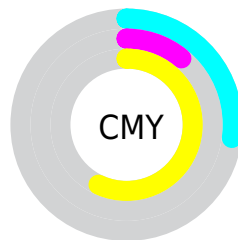
- Red (73%)
- Green (89%)
- Blue (43%)



- Red (43%)
- Yellow (89%)
- Blue (60%)



- Cyan (19%)
- Magenta (0%)
- Yellow (52%)
- Black (11%)



- Cyan (27%)
- Magenta (11%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2911, 66.3782, 24.9135 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 50.2911, 66.3782, 24.9135 by changing the saturation by 10% instead.

■ 50.2911, 66.3782,
24.9135

■ 50.2911, 66.3782,
24.9135

378.2364,
447.7282, 290.8408

■ 35.8635, 48.5795,
15.7942

■ 89.7953, 114.0290,
52.4792

■ 24.4984, 34.2860,
9.2259

■ 115.6026,
144.6498, 71.7627

■ 15.8305, 23.1134,
4.7900

■ 145.9338,
180.3135, 95.2714

■ 9.4944, 14.6773,
2.0680

■ 181.1543,
221.4044, 123.4237

■ 5.1247, 8.5932,
0.5966

221.6295,
268.3070, 156.6383

■ 2.3561, 4.4768,
0.0000

267.7246,

■ 0.8231, 1.9437,

321.4055, 195.3336

0.0000

319.8052,
381.0845, 239.9283

0.0000, 0.5745,
0.0000

0.0000, 0.0000,
0.0000

50.2911, 66.3782,
24.9135

50.2911, 66.3782,
24.9135

47.3005, 64.9636,
19.1280

53.7142, 67.9834,
32.3742

44.7111, 63.7200,
14.8835


57.5889, 69.7802,
41.6223


42.4942, 62.6379,
12.0319


61.9387, 71.7805,
52.7652


40.6138, 61.7028,
10.3944


66.7839, 73.9926,
65.9005


 39.2371, 61.0069,
9.7075

 72.1435, 76.4242,
81.1191

 78.0352, 79.0828,
98.5066

 82.1551, 81.0468,
105.9213

 85.0160, 82.5217,
106.0552

 86.7605, 83.4210,
106.1368

Harmonies

Analogous

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



62.4728, 66.3782, 19.8669



50.2911, 66.3782, 24.9135



42.5838, 66.3782, 41.6536

Triad

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



50.2911, 66.3782, 24.9135



51.2195, 66.3782, 161.3759



93.4514, 66.3782, 70.5143

Complementary

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



50.2911, 66.3782, 24.9135



32.3926, 23.3751, 75.4814

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.



89.3066, 66.3782, 115.1072



50.2911, 66.3782, 24.9135



63.7122, 66.3782, 177.7427

Square

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



50.2911, 66.3782, 24.9135



43.0624, 66.3782, 119.3505



77.8958, 66.3782, 158.3630



88.5276, 66.3782, 39.5608

Rectangle

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



50.2911, 66.3782, 24.9135



40.3588, 66.3782, 61.4433



77.8958, 66.3782, 158.3630



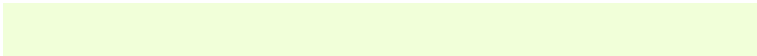
93.0690, 66.3782, 84.3093

Sweetspot

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



50.2927, 66.3811, 24.9149



84.6190, 95.2647, 79.4033



45.5540, 39.5760, 19.9908



17.8244, 20.2593, 16.2146



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.



50.2927, 66.3811, 24.9149



61.2650, 84.4196, 24.3504



39.1202, 60.6215, 24.3921



15.0734, 16.5449, 15.3035



23.0137, 35.6455, 5.6673



1.8012, 2.6859, 0.4235

Inverse Universe

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



32.3926, 23.3751, 75.4814



35.5773, 22.5876, 97.0925



45.8655, 30.3207, 76.1119



14.0688, 14.1377, 18.1317



10.2060, 4.3273, 42.6805



0.8528, 0.3706, 3.1586

Previews

White Background



This preview shows how the XYZ color 50.2911, 66.3782, 24.9135 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 50.2911, 66.3782, 24.9135 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 50.2911, 66.3782, 24.9135

Background



This preview shows how black text looks on a background with the XYZ color 50.2911, 66.3782, 24.9135.

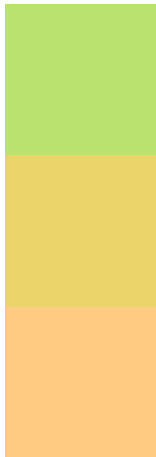


This preview shows how white text looks on a background with the XYZ color 50.2911, 66.3782,

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

50.2911, 66.3782, 24.9135

Protanopia

60.3542, 65.7691, 22.8783

Deuteranopia

66.6252, 65.5836, 30.2665



Tritanopia

62.5578, 66.2802, 85.0975

Trichromacy



Original Color

50.2911, 66.3782, 24.9135

Protanomaly

56.0820, 65.4390, 23.5851

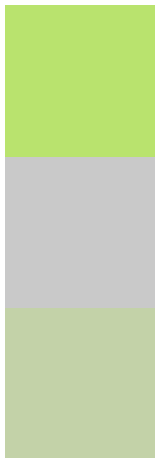
Deuteranomaly

59.7518, 65.3400, 28.2015

Tritanomaly

56.8068, 65.8530, 56.7306

Monochromacy



Original Color

50.2911, 66.3782, 24.9135

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

52.6202, 60.5224, 45.9544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2911, 66.3782, 24.9135 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(185, 227, 110)` looks like.

```
.text, #text, p{  
    color:rgb(185, 227, 110)  
}
```

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(185, 227, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 227, 110) }
```

Border

The CSS property to change the border of an element to XYZ 50.2911, 66.3782, 24.9135 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(185, 227, 110) }
```


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

```
.border{ border-color:rgb(185, 227, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 227, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 227, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 227, 110);  
box-shadow:4px 4px 4px 4px rgb(185, 227,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2911, 66.3782, 24.9135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 227, 110) }
```

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

```
.background{ background-color: rgb(185,  
227, 110) }
```

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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