

Converting Colors

XYZ(50.6633, 63.1025, 38.8578)

Have a look what the booklet for
XYZ(50.6633, 63.1025, 38.8578)
contains.

XYZ(50.6846, 63.0877, 38.7839)	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(50.6846, 63.0877,
38.7839)**

Conversions

Conversions Part 1

Format	Color
Hex	B8DB97
RGB	184, 219, 151
RGB Percent	72%, 86%, 59%
CMY	0.2784, 0.1412, 0.4078
CMYK	0.16, 0.00, 0.31, 0.14
HSL	91°, 49%, 73%
HSV	91°, 31%, 86%
XYZ	50.6846, 63.0877, 38.7839
YIQ	200.7830, 0.9680, -28.5680

Conversions

Conversions Part 2

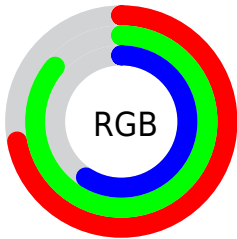
Format	Color
RYB	151, 219, 186
Decimal	12114839
CIELab	83.49, -23.37, 29.76
CIELCh	83, 37.838, 128.141
Yxy	63.0877, 0.3322, 0.4135
Android (android.graphics.Color)	4290304919 (0xFFB8DB97)
YUV	200.7830, -24.5430, -14.7187
Hunter-Lab	79.4278, -25.0938, 26.6486

Details

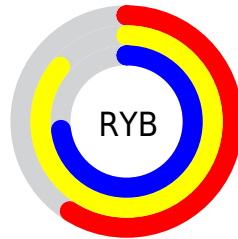
The XYZ color **50.6846, 63.0877, 38.7839** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.1050, 37.6885, 71.9712**, and the grayscale version is **55.5311, 58.4230, 63.6227**.

A 20% lighter version of the original color is **83.1762, 94.6770, 72.2832**, and **24.7335, 32.1976, 16.7155** is the 20% darker color. If you saturate the color by 10%, you get **46.4754, 61.1065, 30.1495**, and if you desaturate by 10%, it is **55.4427, 65.3176, 49.1712**.

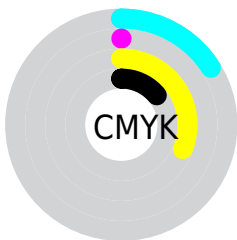
Distribution



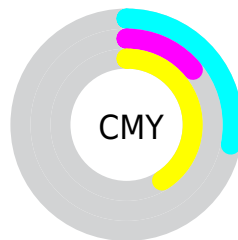
- Red (72%)
- Green (86%)
- Blue (59%)



- Red (59%)
- Yellow (86%)
- Blue (73%)



- Cyan (16%)
- Magenta (0%)
- Yellow (31%)
- Black (14%)





- Cyan (28%)
- Magenta (14%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6846, 63.0877, 38.7839 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 50.6846, 63.0877, 38.7839 by changing the saturation by 10% instead.


 50.6846, 63.0877,
38.7839


 50.6846, 63.0877,
38.7839


379.7450,
435.8877, 356.3693

 36.1777, 45.9122,
26.2851


 90.3742, 109.2960,
74.5248

 24.7422, 32.1765,
16.8094


 116.2875,
139.0976, 98.6040

 16.0128, 21.4964,
9.9382


146.7337,
173.8766, 127.3803

 9.6241, 13.4873,
5.2529

182.0781,
214.0176, 161.2725

 5.2108, 7.7650,
2.3351

222.6861,
259.9047, 200.6989

 2.4075, 3.9449,
0.7508

268.9230,

 0.8488, 1.6428,

311.9225, 246.0782

0.0000

321.1542,
370.4554, 297.8288

0.0000, 0.3862,
0.0000

0.0000, 0.0000,
0.0000

50.6846, 63.0877,
38.7839

50.6846, 63.0877,
38.7839

46.4754, 61.1065,
30.1495

55.4427, 65.3176,
49.1712

42.7869, 59.3557,
23.1671

60.7666, 67.7971,
61.3965

39.5955, 57.8275,
17.7320

66.6784, 70.5376,
75.5444

36.8733, 56.5100,
13.7256

73.1972, 73.5476,
91.6932

■ 34.5891, 55.3901,
11.0122

■ 79.4426, 76.4751,
105.1818

■ 32.7062, 54.4525,
9.4299

■ 83.3973, 78.5138,
105.3669

■ 31.3092, 53.7465,
8.7240

■ 84.6228, 79.1456,
105.4243

Harmonies

Analogous

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



57.7431, 63.0877, 32.8035



50.6846, 63.0877, 38.7839



46.4051, 63.0877, 53.1192

Triad

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



50.6846, 63.0877, 38.7839



54.2454, 63.0877, 120.1077



77.0878, 63.0877, 62.4533

Complementary

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



50.6846, 63.0877, 38.7839



44.1050, 37.6885, 71.9712

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.



75.9335, 63.0877, 87.0444



50.6846, 63.0877, 38.7839



62.2390, 63.0877, 124.2324

Square

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



50.6846, 63.0877, 38.7839



48.3258, 63.0877, 100.7649



70.3097, 63.0877, 111.0047



73.3328, 63.0877, 44.2682

Rectangle

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



50.6846, 63.0877, 38.7839



45.4568, 63.0877, 67.2280



70.3097, 63.0877, 111.0047



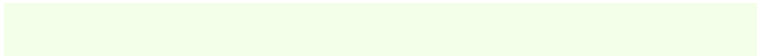
77.2672, 63.0877, 70.1767

Sweetspot

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



50.6862, 63.0904, 38.7853



87.3592, 96.4369, 90.3910



52.1507, 51.9946, 36.5664



18.4463, 20.5244, 18.7527



0.0000, 0.0000, 0.0000



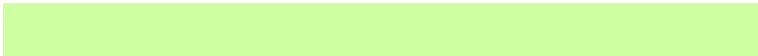
20.3446, 21.4041, 23.3091

Same Dimension

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



50.6862, 63.0904, 38.7853



67.7364, 87.2649, 46.8303



43.6818, 59.4795, 38.4575



13.4849, 14.9147, 13.8937



18.6894, 31.9322, 5.1785



1.3100, 2.1199, 0.3401

Inverse Universe

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



44.1050, 37.6885, 71.9712



57.0895, 46.1744, 100.5114



53.0686, 42.3094, 72.3907



12.9747, 12.9451, 16.4669



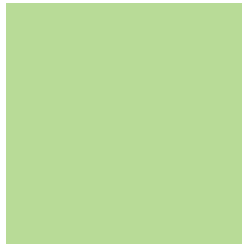
11.7261, 5.1692, 40.1181



0.8590, 0.3861, 2.6037

Previews

White Background



This preview shows how the XYZ color 50.6846, 63.0877, 38.7839 looks on a white background.

Color Contrast Check

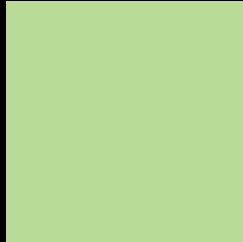
Large Text (above 18pt) WCAG AA × Fail

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 50.6846, 63.0877, 38.7839 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

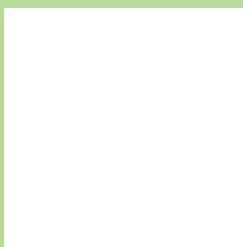
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6846, 63.0877, 38.7839

Background



This preview shows how black text looks on a background with the XYZ color 50.6846, 63.0877, 38.7839.



This preview shows how white text looks on a background with the XYZ color 50.6846, 63.0877,

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

50.6846, 63.0877, 38.7839

Protanopia

58.2416, 62.5483, 36.1975

Deuteranopia

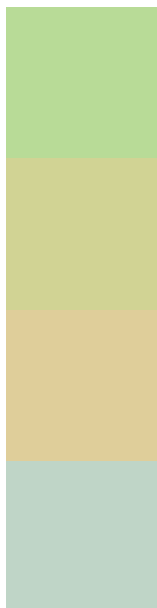
63.9960, 62.6259, 39.7254



Tritanopia

59.0336, 62.6940, 80.9413

Trichromacy



Original Color

50.6846, 63.0877, 38.7839

Protanomaly

54.9341, 62.2820, 37.1433

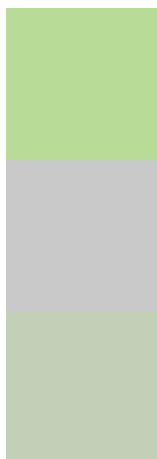
Deuteranomaly

58.3355, 62.1637, 39.4960

Tritanomaly

55.5889, 62.7884, 63.2224

Monochromacy



Original Color

50.6846, 63.0877, 38.7839

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.6088, 60.1327, 53.5810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6846, 63.0877, 38.7839 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, 219, 151)` looks like.

```
.text, #text, p{  
    color:rgb(184, 219, 151)  
}
```

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, 219, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 219, 151) }
```

Border

The CSS property to change the border of an element to XYZ 50.6846, 63.0877, 38.7839 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, 219, 151) }
```


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

```
.border{ border-color:rgb(184, 219, 151) }
```

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

Here you see how a box with a 4 pixel rgb(184, 219, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 219, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 219, 151);  
box-shadow:4px 4px 4px 4px rgb(184, 219,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6846, 63.0877, 38.7839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 219, 151) }
```

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

```
.background{ background-color: rgb(184,  
219, 151) }
```

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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