

Converting Colors

XYZ(38.3578, 48.4620, 50.5125)

Have a look what the booklet for
XYZ(38.3578, 48.4620, 50.5125)
contains.

XYZ(38.3578, 48.4620, 50.5125)	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(38.3578, 48.4620,
50.5125)**

Conversions

Conversions Part 1

Format	Color
Hex	88C5B4
RGB	136, 197, 180
RGB Percent	53%, 77%, 71%
CMY	0.4667, 0.2274, 0.2941
CMYK	0.31, 0.00, 0.09, 0.23
HSL	163°, 34%, 65%
HSV	163°, 31%, 77%
XYZ	38.3578, 48.4620, 50.5125
YIQ	176.8230, -30.8990, -18.2190

Conversions

Conversions Part 2

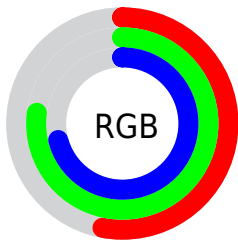
Format	Color
RYB	136, 171, 197
Decimal	8963508
CIELab	75.12, -23.24, 2.27
CIELCh	75, 23.354, 174.423
Yxy	48.4620, 0.2793, 0.3529
Android (android.graphics.Color)	4287153588 (0xFF88C5B4)
YUV	176.8230, 1.5663, -35.8018
Hunter-Lab	69.6147, -23.4718, 5.7093

Details

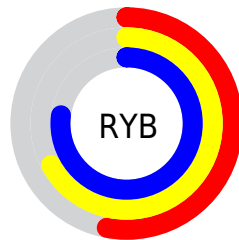
The XYZ color **38.3578, 48.4620, 50.5125** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.5815, 31.7798, 34.2922**, and the grayscale version is **41.7018, 43.8735, 47.7783**.

A 20% lighter version of the original color is **72.0680, 88.0161, 92.5473**, and **17.3094, 23.0620, 23.6178** is the 20% darker color. If you saturate the color by 10%, you get **34.8996, 46.7439, 47.4890**, and if you desaturate by 10%, it is **42.4289, 50.4961, 53.6824**.

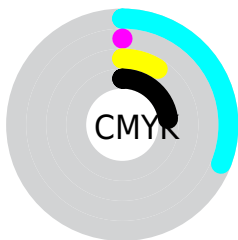
Distribution



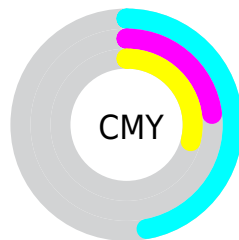
- Red (53%)
- Green (77%)
- Blue (71%)



- Red (53%)
- Yellow (67%)
- Blue (77%)



- Cyan (31%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)





- Cyan (47%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3578, 48.4620, 50.5125 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 38.3578, 48.4620, 50.5125 by changing the saturation by 10% instead.


 38.3578, 48.4620,
50.5125


 38.3578, 48.4620,
50.5125


330.4067,
380.6205, 405.4591


 26.4390, 34.1929,
35.4468


 71.9566, 87.8919,
92.3379

 17.2867, 23.0418,
23.7209


 94.3673, 113.8214,
119.9346

 10.5357, 14.6244,
14.9164


 121.0059,
144.4066, 152.5453

 5.8205, 8.5562,
8.6148

152.2380,
180.0318, 190.5887

 2.7759, 4.4529,
4.3974

188.4287,
221.0814, 234.4832

 1.0364, 1.9300,
1.8458

229.9435,

 0.0000, 0.5663,

267.9398, 284.6475

0.4579

277.1477,
320.9913, 341.4999

■ 0.0000, 0.0000,
0.0000

■ 38.3578, 48.4620,
50.5125

■ 38.3578, 48.4620,
50.5125

■ 34.8996, 46.7439,
47.4890

■ 42.4289, 50.4961,
53.6824

■ 32.0178, 45.3191,
44.6059

■ 47.1390, 52.8557,
56.9982

■ 29.6781, 44.1712,
41.8611

■ 52.5173, 55.5572,
60.4636

■ 27.8408, 43.2799,
39.2515

■ 58.5903, 58.6142,
64.0809

■ 26.4606, 42.6218,
36.7736

■ 65.3828, 62.0394,
67.8527

■ 25.4837, 42.1692,
34.4234

■ 72.9184, 65.8450,
71.7813

■ 24.8568, 41.8901,
32.4043

■ 73.9193, 66.2791,
75.5273

■ 74.6519, 66.5721,
79.3851

■ 75.4085, 66.8748,
83.3695

Harmonies

Analogous

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



39.6964, 48.4620, 40.2251



38.3578, 48.4620, 50.5125



38.9775, 48.4620, 63.1075

Triad

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



38.3578, 48.4620, 50.5125



49.5434, 48.4620, 77.2261



51.0098, 48.4620, 35.8474

Complementary

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



38.3578, 48.4620, 50.5125



37.5815, 31.7798, 34.2922

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.



53.9561, 48.4620, 43.6224



38.3578, 48.4620, 50.5125



53.0735, 48.4620, 67.6772

Square

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



38.3578, 48.4620, 50.5125



45.2676, 48.4620, 79.8256



54.7336, 48.4620, 55.0874



46.8650, 48.4620, 32.6393

Rectangle

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



38.3578, 48.4620, 50.5125



40.4386, 48.4620, 71.0126



54.7336, 48.4620, 55.0874



52.1832, 48.4620, 37.9492

Sweetspot

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



38.3592, 48.4640, 50.5136



86.0920, 95.4990, 103.1942



37.6021, 48.5120, 30.6753



18.1377, 20.2954, 21.8949



0.0000, 0.0000, 0.0000



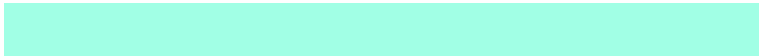
20.3446, 21.4041, 23.3091

Same Dimension

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



38.3592, 48.4640, 50.5136



64.4889, 84.7013, 86.8616



37.3284, 43.4582, 59.2464



10.8157, 12.0152, 12.9799



16.3857, 27.5667, 21.5077



0.8055, 1.3171, 1.1745

Inverse Universe

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



37.5815, 31.7798, 34.2922



62.8877, 50.2132, 53.3615



38.2532, 35.2128, 28.0739



10.7533, 10.6847, 11.6844



15.6283, 8.0009, 3.2526



0.7716, 0.3915, 0.3206

Previews

White Background



This preview shows how the XYZ color 38.3578, 48.4620, 50.5125 looks on a white background.

Color Contrast Check

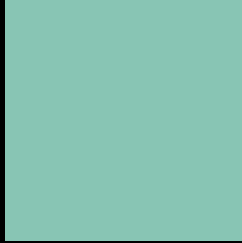
Large Text (above 18pt) WCAG AA × Fail

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 38.3578, 48.4620, 50.5125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

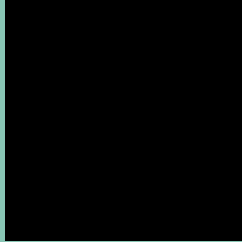
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3578, 48.4620, 50.5125

Background



This preview shows how black text looks on a background with the XYZ color 38.3578, 48.4620, 50.5125.



This preview shows how white text looks on a background with the XYZ color 38.3578, 48.4620,

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

38.3578, 48.4620, 50.5125

Protanopia

45.9185, 48.2453, 46.4273

Deuteranopia

48.9292, 47.8580, 52.0061



Tritanopia

41.6105, 48.4448, 66.8322

Trichromacy



Original Color

38.3578, 48.4620, 50.5125

Protanomaly

42.6116, 48.0758, 48.1080

Deuteranomaly

44.2563, 47.5818, 51.6514

Tritanomaly

40.3000, 48.2362, 60.6126

Monochromacy



Original Color

38.3578, 48.4620, 50.5125

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.0767, 45.1767, 48.7272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3578, 48.4620, 50.5125 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(136, 197, 180)` looks like.

```
.text, #text, p{  
    color:rgb(136, 197, 180)  
}
```

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(136, 197, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 197, 180) }
```

Border

The CSS property to change the border of an element to XYZ 38.3578, 48.4620, 50.5125 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(136, 197, 180) }
```


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

```
.border{ border-color:rgb(136, 197, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 197, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 197, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 197, 180); box-shadow:4px 4px 4px 4px rgb(136, 197, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3578, 48.4620, 50.5125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 197, 180) }
```

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

```
.background{ background-color: rgb(136,  
197, 180) }
```

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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