

Converting Colors

XYZ(38.9014, 45.7867, 50.5035)

Have a look what the booklet for
XYZ(38.9014, 45.7867, 50.5035)
contains.

XYZ(38.9014, 45.7867, 50.5035)	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(38.9014, 45.7867,
50.5035)**

Conversions

Conversions Part 1

Format	Color
Hex	96BCB5
RGB	150, 188, 181
RGB Percent	59%, 74%, 71%
CMY	0.4118, 0.2627, 0.2902
CMYK	0.20, 0.00, 0.04, 0.26
HSL	169°, 22%, 66%
HSV	169°, 20%, 74%
XYZ	38.9014, 45.7867, 50.5035
YIQ	175.8400, -20.4010, -10.2330

Conversions

Conversions Part 2

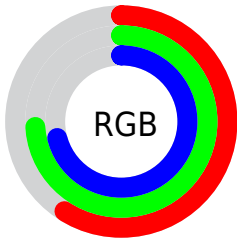
Format	Color
RYB	150, 171, 188
Decimal	9878709
CIELab	73.41, -14.14, -0.67
CIElCh	73, 14.158, 182.699
Yxy	45.7867, 0.2878, 0.3387
Android (android.graphics.Color)	4288068789 (0xFF96BCB5)
YUV	175.8400, 2.5439, -22.6617
Hunter-Lab	67.6659, -15.7949, 3.1141

Details

The XYZ color **38.9014, 45.7867, 50.5035** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.7328, 34.9396, 36.6555**, and the grayscale version is **41.1793, 43.3239, 47.1797**.

A 20% lighter version of the original color is **72.8136, 83.7949, 92.4571**, and **17.5973, 21.4831, 23.6413** is the 20% darker color. If you saturate the color by 10%, you get **35.3648, 44.0053, 48.5062**, and if you desaturate by 10%, it is **43.0045, 47.8615, 52.5754**.

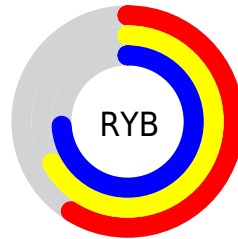
Distribution



Red (59%)

Green (74%)

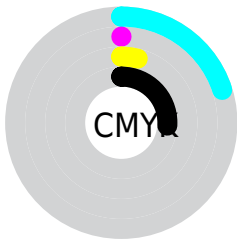
Blue (71%)



Red (59%)

Yellow (67%)

Blue (74%)

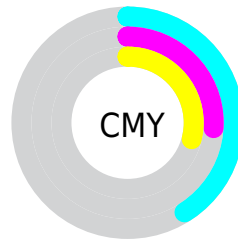


Cyan (20%)

Magenta (0%)

Yellow (4%)

Black (26%)



Cyan (41%)


Magenta (26%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9014, 45.7867, 50.5035 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 38.9014, 45.7867, 50.5035 by changing the saturation by 10% instead.

 38.9014, 45.7867,
50.5035


 38.9014, 45.7867,
50.5035


332.6855,
369.9504, 405.4230

 26.8634, 32.0775,
35.4396


 72.7827, 83.8997,
92.3244

 17.6067, 21.4207,
23.7155


 95.3567, 109.0723,
119.9186

 10.7660, 13.4319,
14.9125


122.1735,
138.8348, 152.5265

 5.9758, 7.7266,
8.6120

153.5983,
173.5717, 190.5669

 2.8709, 3.9205,
4.3957

189.9966,
213.6673, 234.4582

 1.0859, 1.6292,
1.8448

231.7336,

 0.0132, 0.3772,

259.5061, 284.6190

0.4573

279.1748,
311.4723, 341.4677

■ 0.0000, 0.0000,
0.0000

■ 38.9014, 45.7867,
50.5035

■ 38.9014, 45.7867,
50.5035

■ 35.3648, 44.0053,
48.5062

■ 43.0045, 47.8615,
52.5754

■ 32.3644, 42.4981,
46.5788

■ 47.6949, 50.2369,
54.7203

■ 29.8727, 41.2521,
44.7208

■ 52.9971, 52.9267,
56.9406

■ 27.8585, 40.2513,
42.9302

■ 58.9332, 55.9421,
59.2378

■ 26.2869, 39.4777,
41.2051

■ 65.5239, 59.2940,
61.6129

■ 25.1183, 38.9108,
39.5434

■ 69.8595, 61.4823,
63.9303

■ 24.3056, 38.5265,
37.9425

■ 70.2739, 61.6481,
66.1123

■ 23.7637, 38.2800,
36.4299

■ 70.6975, 61.8175,
68.3430

■ 71.1305, 61.9907,
70.6229

Harmonies

Analogous

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



39.3943, 45.7867, 43.8150



38.9014, 45.7867, 50.5035



39.6060, 45.7867, 57.6491

Triad

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



38.9014, 45.7867, 50.5035



46.1618, 45.7867, 62.3302



45.7562, 45.7867, 38.6165

Complementary

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



38.9014, 45.7867, 50.5035



37.7328, 34.9396, 36.6555

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.



47.6813, 45.7867, 42.7952



38.9014, 45.7867, 50.5035



47.9217, 45.7867, 56.4237

Square

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



38.9014, 45.7867, 50.5035



43.7451, 45.7867, 64.8728



48.4880, 45.7867, 49.2100



43.2934, 45.7867, 37.3528

Rectangle

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



38.9014, 45.7867, 50.5035



40.6764, 45.7867, 61.5987



48.4880, 45.7867, 49.2100



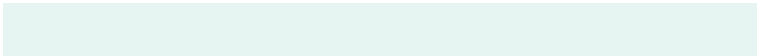
46.4908, 45.7867, 39.7058

Sweetspot

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



38.9027, 45.7886, 50.5045



81.3021, 88.4418, 96.8639



37.5117, 45.3990, 35.6407



17.3666, 18.9597, 20.7760



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.9027, 45.7886, 50.5045



67.7008, 81.5680, 89.9983



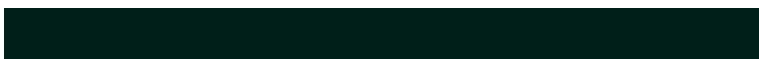
37.2994, 41.4030, 53.6049



9.7311, 10.7786, 11.8335



16.2042, 26.0720, 24.9359



0.6547, 1.0292, 1.0817

Inverse Universe

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



37.7328, 34.9396, 36.6555



65.2191, 58.5400, 60.6096



39.0605, 38.5246, 34.2322



9.6001, 9.5643, 10.2829



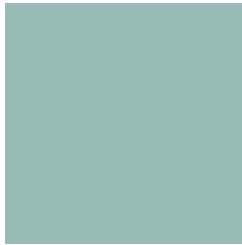
14.3436, 7.3686, 1.8373



0.5840, 0.2975, 0.1886

Previews

White Background



This preview shows how the XYZ color 38.9014, 45.7867, 50.5035 looks on a white background.

Color Contrast Check

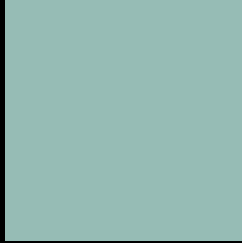
Large Text (above 18pt) WCAG AA × Fail

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 38.9014, 45.7867, 50.5035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

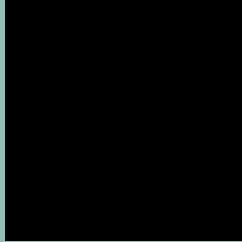
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

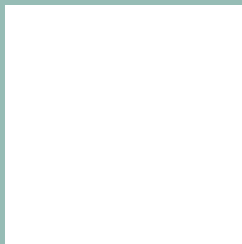
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.9014, 45.7867, 50.5035

Background



This preview shows how black text looks on a background with the XYZ color 38.9014, 45.7867, 50.5035.

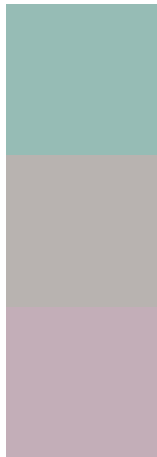


This preview shows how white text looks on a background with the XYZ color 38.9014, 45.7867,

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

38.9014, 45.7867, 50.5035

Protanopia

43.7237, 45.5651, 47.5648

Deuteranopia

46.2935, 45.3349, 51.6580



Tritanopia

41.1007, 45.7381, 61.3057

Trichromacy



Original Color

38.9014, 45.7867, 50.5035

Protanomaly

41.7771, 45.4409, 48.6886

Deuteranomaly

43.2577, 45.2428, 51.2526

Tritanomaly

40.3214, 45.7404, 57.1557

Monochromacy



Original Color

38.9014, 45.7867, 50.5035

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.2935, 44.0724, 48.5026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9014, 45.7867, 50.5035 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(150, 188, 181)` looks like.

```
.text, #text, p{  
    color:rgb(150, 188, 181)  
}
```

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(150, 188, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 188, 181) }
```

Border

The CSS property to change the border of an element to XYZ 38.9014, 45.7867, 50.5035 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(150, 188, 181) }
```


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

```
.border{ border-color:rgb(150, 188, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 188, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 188, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 188, 181);  
box-shadow:4px 4px 4px 4px rgb(150, 188,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9014, 45.7867, 50.5035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 188, 181) }
```

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

```
.background{ background-color: rgb(150,  
188, 181) }
```

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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