

Converting Colors

XYZ(39.0101, 50.2604, 60.1362)

Have a look what the booklet for
XYZ(39.0101, 50.2604, 60.1362)
contains.

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Color

**XYZ(38.9695, 50.2915,
59.8779)**

Conversions

Conversions Part 1

Format	Color
Hex	79CAC4
RGB	121, 202, 196
RGB Percent	47%, 79%, 77%
CMY	0.5255, 0.2078, 0.2314
CMYK	0.40, 0.00, 0.03, 0.21
HSL	176°, 43%, 63%
HSV	176°, 40%, 79%
XYZ	38.9695, 50.2915, 59.8779
YIQ	177.0970, -46.3500, -19.0380

Conversions

Conversions Part 2

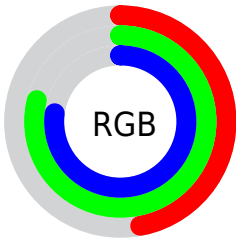
Format	Color
RYB	121, 163, 202
Decimal	7981764
CIELab	76.25, -26.17, -4.81
CIELCh	76, 26.610, 190.412
Yxy	50.2915, 0.2613, 0.3372
Android (android.graphics.Color)	4286171844 (0xFF79CAC4)
YUV	177.0970, 9.3192, -49.1971
Hunter-Lab	70.9165, -26.0159, -0.4196

Details

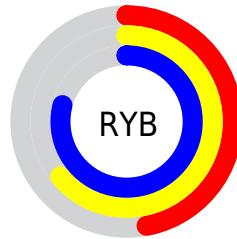
The XYZ color **38.9695, 50.2915, 59.8779** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **35.0270, 27.7651, 23.5936**, and the grayscale version is **41.8121, 43.9896, 47.9047**.

A 20% lighter version of the original color is **71.6211, 87.9590, 106.1315**, and **17.6524, 24.2566, 29.3428** is the 20% darker color. If you saturate the color by 10%, you get **36.2606, 48.9158, 58.8672**, and if you desaturate by 10%, it is **42.2758, 51.9774, 60.9277**.

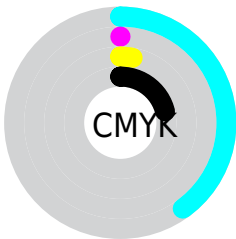
Distribution



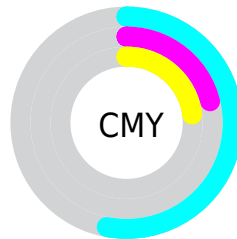
- Red (47%)
- Green (79%)
- Blue (77%)



- Red (47%)
- Yellow (64%)
- Blue (79%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)



- Cyan (53%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9695, 50.2915, 59.8779 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 38.9695, 50.2915, 59.8779 by changing the saturation by 10% instead.

■ 38.9695, 50.2915,
59.8779

■ 38.9695, 50.2915,
59.8779

332.9702,
387.8048, 441.9397

■ 26.9166, 35.6451,
42.8956

■ 72.8861, 90.6066,
106.1942

■ 17.6469, 24.1602,
29.4724

■ 95.4805, 117.0441,
136.3652

■ 10.7949, 15.4525,
19.1898

■ 122.3195,
148.1807, 171.7695

■ 5.9954, 9.1376,
11.6293

153.7684,
184.4009, 212.8257

■ 2.8829, 4.8310,
6.3723

190.1925,
226.0890, 259.9523

■ 1.0921, 2.1485,
3.0004

231.9573,

■ 0.0185, 0.6917,

273.6294, 313.5678

1.0948

279.4281,
327.4065, 374.0907

■ 0.0000, 0.0000,
0.0000

■ 38.9695, 50.2915,
59.8779

■ 38.9695, 50.2915,
59.8779

■ 36.2606, 48.9158,
58.8672

■ 42.2758, 51.9774,
60.9277

■ 34.1073, 47.8251,
57.8902

■ 46.2091, 53.9851,
62.0146

■ 32.4696, 47.0001,
56.9462


■ 50.8024, 56.3329,
63.1413


■ 31.3001, 46.4162,
56.0329


■ 56.0850, 59.0358,
64.3092


■ 30.5429, 46.0446,
55.1476


■ 62.0846, 62.1081,
65.5197

 30.0948, 45.8321,
54.2938

 68.8272, 65.5633,
66.7739

 73.5603, 67.9823,
67.9431

 73.7436, 68.0556,
68.9084

 73.9286, 68.1296,
69.8829

Harmonies

Analogous

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



39.3173, 50.2915, 46.0520



38.9695, 50.2915, 59.8779



40.8596, 50.2915, 74.5789

Triad

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



38.9695, 50.2915, 59.8779



54.2958, 50.2915, 78.4643



51.0906, 50.2915, 32.7321

Complementary

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



38.9695, 50.2915, 59.8779



35.0270, 27.7651, 23.5936

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.



55.4861, 50.2915, 38.8039



38.9695, 50.2915, 59.8779



57.4240, 50.2915, 64.4994

Square

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



38.9695, 50.2915, 59.8779



49.5561, 50.2915, 86.4826



57.8741, 50.2915, 49.9403



46.0870, 50.2915, 31.9313

Rectangle

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



38.9695, 50.2915, 59.8779



43.2170, 50.2915, 82.3052



57.8741, 50.2915, 49.9403



52.6973, 50.2915, 34.1671

Sweetspot

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



38.9710, 50.2935, 59.8791



84.3116, 94.5061, 106.5031



33.4378, 48.1934, 25.6302



17.8184, 20.1118, 22.7415



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.



38.9710, 50.2935, 59.8791



61.9937, 83.1236, 99.9097



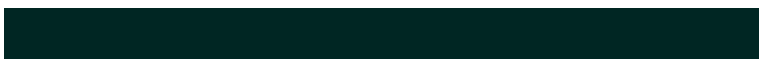
32.5962, 36.4286, 61.1927



11.5060, 12.7121, 14.2220



19.3793, 29.4970, 35.0122



1.0107, 1.5261, 1.8640

Inverse Universe

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



35.0270, 27.7651, 23.5936



54.4306, 39.8688, 30.2880



39.4898, 37.2983, 23.2082



11.2455, 11.2269, 11.8274



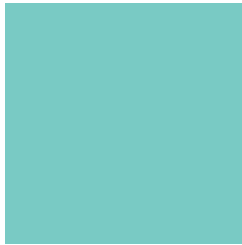
15.7416, 8.1072, 1.0921



0.8241, 0.4230, 0.1196

Previews

White Background



This preview shows how the XYZ color 38.9695, 50.2915, 59.8779 looks on a white background.

Color Contrast Check

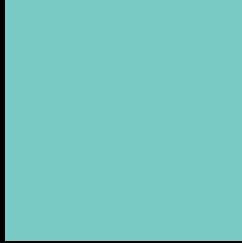
Large Text (above 18pt) WCAG AA × Fail

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 38.9695, 50.2915, 59.8779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

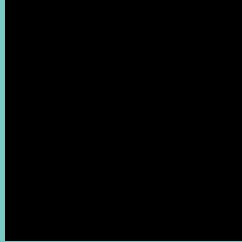
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9695, 50.2915, 59.8779

Background



This preview shows how black text looks on a background with the XYZ color 38.9695, 50.2915, 59.8779.

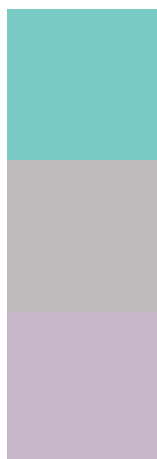


This preview shows how white text looks on a background with the XYZ color 38.9695, 50.2915,

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

38.9695, 50.2915, 59.8779

Protanopia

47.7638, 49.6528, 54.0802

Deuteranopia

50.7065, 49.7681, 61.5773



Tritanopia

41.2934, 50.1888, 71.8010

Trichromacy



Original Color

38.9695, 50.2915, 59.8779

Protanomaly

43.6610, 49.4163, 55.9523

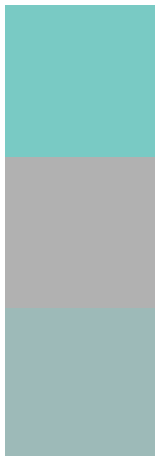
Deuteranomaly

45.3010, 49.1766, 61.1373

Tritanomaly

40.3516, 50.1477, 67.2272

Monochromacy



Original Color

38.9695, 50.2915, 59.8779

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.1153, 45.7466, 52.0631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9695, 50.2915, 59.8779 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(121, 202, 196)` looks like.

```
.text, #text, p{  
    color:rgb(121, 202, 196)  
}
```

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(121, 202, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 202, 196) }
```

Border

The CSS property to change the border of an element to XYZ 38.9695, 50.2915, 59.8779 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(121, 202, 196) }
```


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

```
.border{ border-color:rgb(121, 202, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 202, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 202, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 202, 196);  
box-shadow:4px 4px 4px 4px rgb(121, 202,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9695, 50.2915, 59.8779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 202, 196) }
```

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

```
.background{ background-color: rgb(121,  
202, 196) }
```

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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