

Converting Colors

XYZ(38.7557, 52.0959, 53.2241)

Have a look what the booklet for
XYZ(38.7557, 52.0959, 53.2241)
contains.

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Color

**XYZ(38.8497, 52.1513,
53.3660)**

Conversions

Conversions Part 1

Format	Color
Hex	79CFB8
RGB	121, 207, 184
RGB Percent	47%, 81%, 72%
CMY	0.5255, 0.1882, 0.2784
CMYK	0.42, 0.00, 0.11, 0.19
HSL	164°, 47%, 64%
HSV	164°, 42%, 81%
XYZ	38.8497, 52.1513, 53.3660
YIQ	178.6640, -43.8730, -25.3850

Conversions

Conversions Part 2

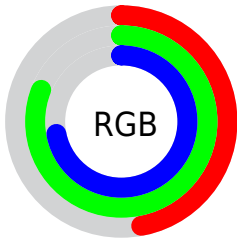
Format	Color
RYB	121, 171, 207
Decimal	7983032
CIELab	77.37, -31.39, 3.30
CIElCh	77, 31.567, 174.005
Yxy	52.1513, 0.2691, 0.3612
Android (android.graphics.Color)	4286173112 (0xFF79CFB8)
YUV	178.6640, 2.6306, -50.5713
Hunter-Lab	72.2159, -30.3508, 6.7370

Details

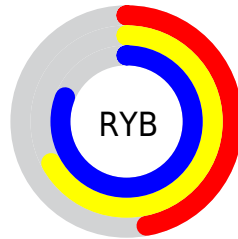
The XYZ color **38.8497, 52.1513, 53.3660** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.6053, 28.9551, 29.9944**, and the grayscale version is **42.6733, 44.8956, 48.8913**.

A 20% lighter version of the original color is **69.6196, 87.1584, 95.5920**, and **17.5717, 25.2534, 25.4210** is the 20% darker color. If you saturate the color by 10%, you get **35.6854, 50.5872, 50.2481**, and if you desaturate by 10%, it is **42.6620, 54.0496, 56.6351**.

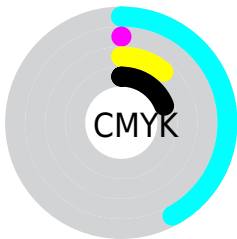
Distribution



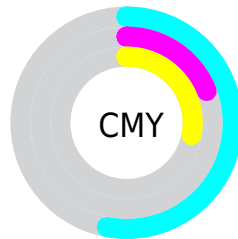
- Red (47%)
- Green (81%)
- Blue (72%)



- Red (47%)
- Yellow (67%)
- Blue (81%)



- Cyan (42%)
- Magenta (0%)
- Yellow (11%)
- Black (19%)





- Cyan (53%)
- Magenta (19%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8497, 52.1513, 53.3660 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 38.8497, 52.1513, 53.3660 by changing the saturation by 10% instead.


 38.8497, 52.1513,
53.3660


 38.8497, 52.1513,
53.3660


332.4692,
395.0204, 416.7938


 26.8230, 37.1257,
37.7053


 72.7042, 93.3543,
96.5897

 17.5763, 25.3048,
25.4540


 95.2627, 120.3006,
124.9898

 10.7440, 16.3043,
16.1935


 122.0626,
151.9891, 158.4735

 5.9610, 9.7397,
9.5054

153.4691,
188.8043, 197.4592

 2.8618, 5.2267,
4.9710

189.8477,
231.1307, 242.3655

 1.0811, 2.3809,
2.1718

231.5637,

 0.0092, 0.8160,

279.3526, 293.6111

0.6580

278.9824,
333.8544, 351.6143

■ 0.0000, 0.0000,
0.0000

■ 38.8497, 52.1513,
53.3660

■ 38.8497, 52.1513,
53.3660

■ 35.6854, 50.5872,
50.2481

■ 42.6620, 54.0496,
56.6351

■ 33.1244, 49.3300,
47.2746

■ 47.1549, 56.2947,
60.0547

■ 31.1229, 48.3588,
44.4432

■ 52.3638, 58.9063,
63.6292

■ 29.6292, 47.6469,
41.7501

■ 58.3205, 61.9006,
67.3610

■ 28.5817, 47.1624,
39.1909

■ 65.0548, 65.2931,
71.2531

■ 27.9516, 46.8826,
37.1265

■ 72.5947, 69.0981,
75.3078

■ 76.8404, 71.2022,
79.3345

■ 77.5983, 71.5053,
83.3253

■ 78.3808, 71.8183,
87.4460

Harmonies

Analogous

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



40.7177, 52.1513, 39.3274



38.8497, 52.1513, 53.3660



39.6586, 52.1513, 71.4859

Triad

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



38.8497, 52.1513, 53.3660



54.4662, 52.1513, 93.0912



56.7440, 52.1513, 33.8188

Complementary

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



38.8497, 52.1513, 53.3660



37.6053, 28.9551, 29.9944

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.



61.0048, 52.1513, 44.2499



38.8497, 52.1513, 53.3660



59.6164, 52.1513, 78.7653

Square

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



38.8497, 52.1513, 53.3660



48.3600, 52.1513, 96.9049



62.0965, 52.1513, 60.3447



50.7965, 52.1513, 29.6202

Rectangle

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



38.8497, 52.1513, 53.3660



41.6432, 52.1513, 83.2951



62.0965, 52.1513, 60.3447



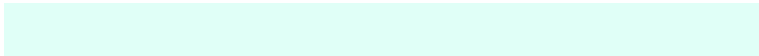
58.4399, 52.1513, 36.5953

Sweetspot

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



38.8512, 52.1534, 53.3672



83.3846, 94.1353, 101.6216



37.5074, 52.0614, 26.1620



17.5991, 20.0240, 21.5865



0.0000, 0.0000, 0.0000



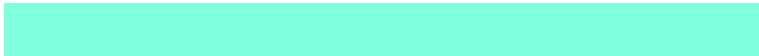
20.3446, 21.4041, 23.3091

Same Dimension

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



38.8512, 52.1534, 53.3672



57.6246, 81.2856, 80.9881



37.2109, 44.6952, 65.6997



12.0178, 13.3509, 14.4500



17.6512, 29.5534, 23.6069



1.0189, 1.6652, 1.4885

Inverse Universe

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



37.6053, 28.9551, 29.9944



55.3803, 39.1627, 38.6374



38.5096, 33.2965, 22.4872



11.9367, 11.8594, 12.9427



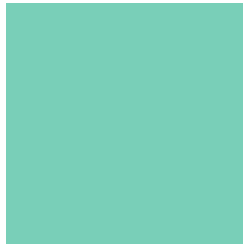
16.6863, 8.5474, 3.2544



0.9664, 0.4913, 0.3579

Previews

White Background



This preview shows how the XYZ color 38.8497, 52.1513, 53.3660 looks on a white background.

Color Contrast Check

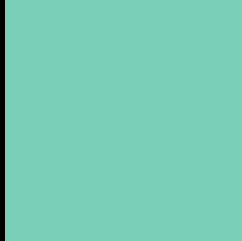
Large Text (above 18pt) WCAG AA × Fail

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 38.8497, 52.1513, 53.3660 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

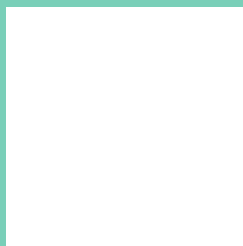
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.8497, 52.1513, 53.3660

Background



This preview shows how black text looks on a background with the XYZ color 38.8497, 52.1513, 53.3660.



This preview shows how white text looks on a background with the XYZ color 38.8497, 52.1513,

53.3660.

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

38.8497, 52.1513, 53.3660

Protanopia

48.8635, 51.3215, 47.3751

Deuteranopia

52.6203, 51.5104, 55.3132



Tritanopia

42.9813, 52.0488, 74.1107

Trichromacy



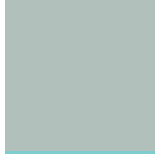
Original Color

38.8497, 52.1513, 53.3660



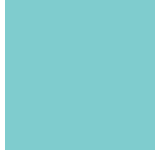
Protanomaly

44.1380, 51.1292, 49.6621



Deuteranomaly

45.9507, 50.6342, 54.3652



Tritanomaly

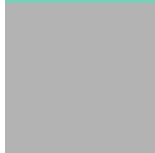
41.4858, 52.1540, 66.2727

Monochromacy



Original Color

38.8497, 52.1513, 53.3660



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

40.6386, 47.0005, 50.6462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8497, 52.1513, 53.3660 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, 207, 184)` looks like.

```
.text, #text, p{  
    color:rgb(121, 207, 184)  
}
```

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, 207, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 207, 184) }
```

Border

The CSS property to change the border of an element to XYZ 38.8497, 52.1513, 53.3660 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, 207, 184) }
```


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

```
.border{ border-color:rgb(121, 207, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 207, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 207, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 207, 184);  
box-shadow:4px 4px 4px 4px rgb(121, 207,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8497, 52.1513, 53.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 207, 184) }
```

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

```
.background{ background-color: rgb(121,  
207, 184) }
```

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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