

Converting Colors

XYZ(38.2045, 47.2616, 64.2381)

Have a look what the booklet for
XYZ(38.2045, 47.2616, 64.2381)
contains.

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Color

**XYZ(38.2993, 47.4548,
64.2678)**

Conversions

Conversions Part 1

Format	Color
Hex	79C3CC
RGB	121, 195, 204
RGB Percent	47%, 76%, 80%
CMY	0.5255, 0.2353, 0.2000
CMYK	0.41, 0.04, 0.00, 0.20
HSL	187°, 45%, 64%
HSV	187°, 41%, 80%
XYZ	38.2993, 47.4548, 64.2678
YIQ	173.9000, -46.9930, -12.8890

Conversions

Conversions Part 2

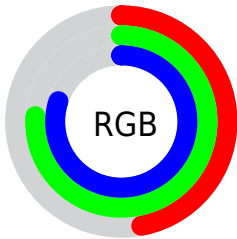
Format	Color
RYB	121, 160, 204
Decimal	7979980
CIELab	74.48, -20.69, -11.77
CIELCh	74, 23.804, 209.628
Yxy	47.4548, 0.2553, 0.3163
Android (android.graphics.Color)	4286170060 (0xFF79C3CC)
YUV	173.9000, 14.8393, -46.3933
Hunter-Lab	68.8874, -21.3125, -7.0928

Details

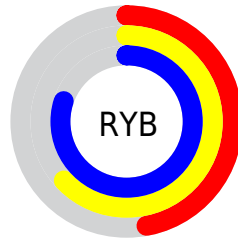
The XYZ color **38.2993, 47.4548, 64.2678** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3363, 30.1836, 22.0011**, and the grayscale version is **40.1255, 42.2151, 45.9723**.

A 20% lighter version of the original color is **70.9919, 86.1879, 107.5020**, and **17.2099, 22.3756, 32.2660** is the 20% darker color. If you saturate the color by 10%, you get **35.2457, 45.1515, 63.9850**, and if you desaturate by 10%, it is **41.9676, 50.0881, 64.5836**.

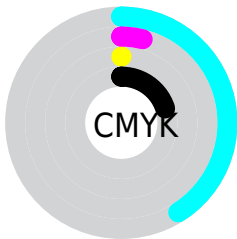
Distribution



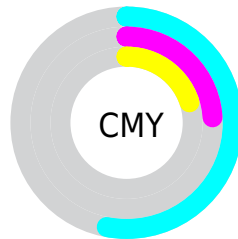
- Red (47%)
- Green (76%)
- Blue (80%)



- Red (47%)
- Yellow (63%)
- Blue (80%)



- Cyan (41%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (53%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2993, 47.4548, 64.2678 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 38.2993, 47.4548, 64.2678 by changing the saturation by 10% instead.

■ 38.2993, 47.4548,
64.2678

■ 38.2993, 47.4548,
64.2678

330.1608,
376.6270, 458.3901

■ 26.3933, 33.3953,
46.4200

■ 71.8676, 86.3921,
112.5997

■ 17.2523, 22.4295,
32.2264

■ 94.2606, 112.0387,
143.9209

■ 10.5110, 14.1728,
21.2682

■ 120.8801,
142.3165, 180.5704

■ 5.8039, 8.2410,
13.1270

152.0913,
177.6099, 222.9666

■ 2.7657, 4.2495,
7.3843

188.2596,
218.3032, 271.5281

■ 1.0311, 1.8141,
3.6215

229.7504,

■ 0.0000, 0.4959,

264.7809, 326.6735

1.4201

276.9290,
317.4274, 388.8213

■ 0.0000, 0.0000,
0.1573

■ 0.0000, 0.0000,
0.0000

■ 38.2993, 47.4548,
64.2678

■ 38.2993, 47.4548,
64.2678

■ 35.2457, 45.1515,
63.9850

■ 41.9676, 50.0881,
64.5836

■ 32.7641, 43.1528,
63.7300

■ 46.2814, 53.0640,
64.9306

■ 30.8129, 41.4384,
63.5019

■ 51.2745, 56.4010,
65.3116

■ 29.3433, 39.9830,
63.2985

■ 56.9772, 60.1150,
65.7278

■ 28.2971, 38.7566,
63.1169

■ 63.4179, 64.2204,
66.1808

■ 27.6038, 37.7688,
62.9627

■ 70.6234, 68.7313,
66.6717

■ 75.3056, 71.9524,
67.0467

■ 75.8571, 73.0554,
67.2305

■ 76.4161, 74.1735,
67.4169

Harmonies

Analogous

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



37.3393, 47.4548, 51.5167



38.2993, 47.4548, 64.2678



41.0560, 47.4548, 74.8818

Triad

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



38.2993, 47.4548, 64.2678



52.6118, 47.4548, 64.5762



45.1580, 47.4548, 31.4430

Complementary

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



38.2993, 47.4548, 64.2678



36.3363, 30.1836, 22.0011

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.



49.4105, 47.4548, 33.8318



38.2993, 47.4548, 64.2678



53.8776, 47.4548, 51.8240

Square

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



38.2993, 47.4548, 64.2678



49.3118, 47.4548, 75.0788



52.6712, 47.4548, 40.8368



41.1434, 47.4548, 33.7161

Rectangle

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



38.2993, 47.4548, 64.2678



43.6337, 47.4548, 78.6040



52.6712, 47.4548, 40.8368



46.6078, 47.4548, 31.7210

Sweetspot

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



38.3007, 47.4567, 64.2689



83.6254, 92.5529, 108.0647



33.4614, 48.8446, 28.5390



17.6557, 19.6486, 23.1120



0.0000, 0.0000, 0.0000



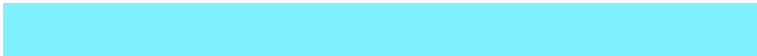
20.3446, 21.4041, 23.3091

Same Dimension

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



38.3007, 47.4567, 64.2689



58.8535, 75.1497, 106.0112



30.3739, 31.6030, 61.6266



11.4354, 12.5112, 14.3826



17.4156, 23.8552, 39.6429



0.9289, 1.2915, 2.0553

Inverse Universe

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



41.5907, 30.4534, 55.3178



65.1744, 43.6166, 88.5591



42.8791, 43.2692, 24.1820



11.6331, 11.3820, 13.8686



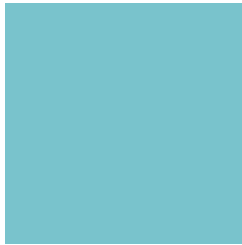
21.0015, 10.2112, 28.7903



1.0988, 0.5329, 1.5662

Previews

White Background



This preview shows how the XYZ color 38.2993, 47.4548, 64.2678 looks on a white background.

Color Contrast Check

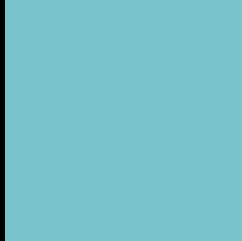
Large Text (above 18pt) WCAG AA × Fail

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 38.2993, 47.4548, 64.2678 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

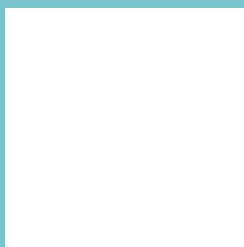
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.2993, 47.4548, 64.2678

Background



This preview shows how black text looks on a background with the XYZ color 38.2993, 47.4548, 64.2678.

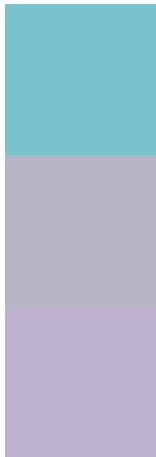


This preview shows how white text looks on a background with the XYZ color 38.2993, 47.4548,

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

38.2993, 47.4548, 64.2678

Protanopia

45.6656, 46.9330, 58.2819

Deuteranopia

48.0446, 47.0862, 66.2308



Tritanopia

39.0930, 47.4477, 68.0707

Trichromacy



Original Color

38.2993, 47.4548, 64.2678

Protanomaly

42.2492, 46.6686, 60.2073

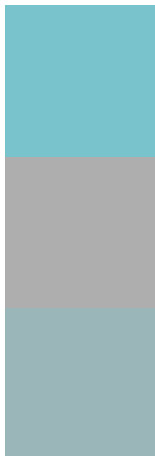
Deuteranomaly

43.7128, 46.6785, 65.7374

Tritanomaly

38.7030, 47.2752, 66.7597

Monochromacy



Original Color

38.2993, 47.4548, 64.2678

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.0025, 43.9272, 52.3221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2993, 47.4548, 64.2678 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, 195, 204)` looks like.

```
.text, #text, p{  
    color:rgb(121, 195, 204)  
}
```

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, 195, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 195, 204) }
```

Border

The CSS property to change the border of an element to XYZ 38.2993, 47.4548, 64.2678 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, 195, 204) }
```


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

```
.border{ border-color:rgb(121, 195, 204) }
```

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

Here you see how a box with a 4 pixel rgb(121, 195, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 195, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 195, 204);  
box-shadow:4px 4px 4px 4px rgb(121, 195,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2993, 47.4548, 64.2678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 195, 204) }
```

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

```
.background{ background-color: rgb(121,  
195, 204) }
```

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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