

Converting Colors

XYZ(40.6926, 48.8086, 58.9063)

Have a look what the booklet for
XYZ(40.6926, 48.8086, 58.9063)
contains.

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Color

**XYZ(40.6931, 48.8100,
58.9063)**

Conversions

Conversions Part 1

Format	Color
Hex	8FC3C3
RGB	143, 195, 195
RGB Percent	56%, 76%, 76%
CMY	0.4392, 0.2353, 0.2353
CMYK	0.27, 0.00, 0.00, 0.24
HSL	180°, 30%, 66%
HSV	180°, 27%, 76%
XYZ	40.6931, 48.8100, 58.9063
YIQ	179.4520, -30.9920, -11.0240

Conversions

Conversions Part 2

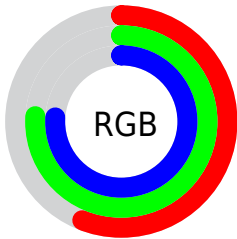
Format	Color
R_{YB}	143, 169, 195
Decimal	9421763
CIE _{Lab}	75.33, -16.83, -5.50
CIE _{LCh}	75, 17.705, 198.083
Y _{xy}	48.8100, 0.2742, 0.3289
Android (android.graphics.Color)	4287611843 (0xFF8FC3C3)
YUV	179.4520, 7.6652, -31.9684
Hunter-Lab	69.8642, -18.2931, -1.0857

Details

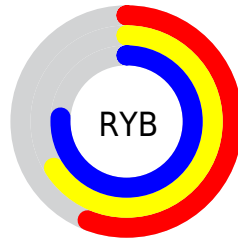
The XYZ color **40.6931, 48.8100, 58.9063** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.2877, 33.2315, 30.4375**, and the grayscale version is **43.0622, 45.3048, 49.3370**.

A 20% lighter version of the original color is **75.6698, 88.6548, 105.2193**, and **18.6470, 23.1970, 28.6940** is the 20% darker color. If you saturate the color by 10%, you get **37.6067, 47.2202, 58.7624**, and if you desaturate by 10%, it is **44.3692, 50.7063, 59.0799**.

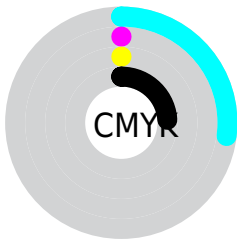
Distribution



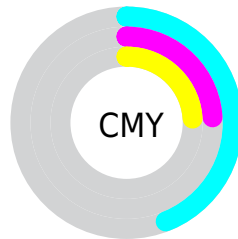
- Red (56%)
- Green (76%)
- Blue (76%)



- Red (56%)
- Yellow (66%)
- Blue (76%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



- Cyan (44%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6931, 48.8100, 58.9063 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 40.6931, 48.8100, 58.9063 by changing the saturation by 10% instead.

■ 40.6931, 48.8100,
58.9063

■ 40.6931, 48.8100,
58.9063

340.1208,
381.9939, 438.2468

■ 28.2660, 34.4688,
42.1182

■ 75.4954, 88.4092,
104.7693

■ 18.6677, 23.2540,
28.8676

■ 98.6014, 114.4360,
134.6812

■ 11.5330, 14.7811,
18.7360

125.9976,
145.1267, 169.8048

■ 6.4965, 8.6659,
11.3048

158.0495,
180.8658, 210.5586

■ 3.1928, 4.5239,
6.1555

195.1224,
222.0377, 257.3611

■ 1.2565, 1.9707,
2.8695

237.5817,

■ 0.1503, 0.5904,

269.0267, 310.6310

1.0284

285.7927,
322.2173, 370.7867

■ 0.0000, 0.0000,
0.0000

■ 40.6931, 48.8100,
58.9063

■ 40.6931, 48.8100,
58.9063

■ 37.6067, 47.2202,
58.7624

■ 44.3692, 50.7063,
59.0799

■ 35.0753, 45.9152,
58.6434

■ 48.6588, 52.9177,
59.2812

■ 33.0673, 44.8800,
58.5488

■ 53.5897, 55.4596,
59.5125

■ 31.5461, 44.0958,
58.4771

■ 59.1868, 58.3450,
59.7750

■ 30.4703, 43.5412,
58.4262

■ 65.4735, 61.5860,
60.0698

■ 29.7918, 43.1915,
58.3939

■ 70.6071, 64.2324,
60.3106

■ 29.4471, 43.0138,
58.3772

■ 70.6072, 64.2324,
60.3111

■ 29.3657, 42.9718,
58.3732

■ 70.6073, 64.2325,
60.3117

■ 70.6074, 64.2325,
60.3122

Harmonies

Analogous

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



40.5336, 48.8100, 49.5294



40.6931, 48.8100, 58.9063



42.3353, 48.8100, 67.6318

Triad

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



40.6931, 48.8100, 58.9063



51.2076, 48.8100, 66.0434



47.6970, 48.8100, 37.4649

Complementary

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



40.6931, 48.8100, 58.9063



37.2877, 33.2315, 30.4375

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.



50.7009, 48.8100, 40.8917



40.6931, 48.8100, 58.9063



52.7902, 48.8100, 56.9341

Square

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



40.6931, 48.8100, 58.9063



48.3625, 48.8100, 72.0726



52.6005, 48.8100, 47.7736



44.4766, 48.8100, 37.8616

Rectangle

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



40.6931, 48.8100, 58.9063



44.0951, 48.8100, 71.5712



52.6005, 48.8100, 47.7736



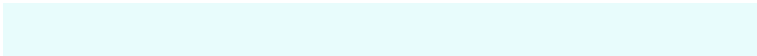
48.7682, 48.8100, 38.1898

Sweetspot

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



40.6945, 48.8120, 58.9074



85.9551, 94.1589, 106.1132



35.9528, 46.9327, 33.1515



18.5549, 20.4815, 23.2251



0.0000, 0.0000, 0.0000



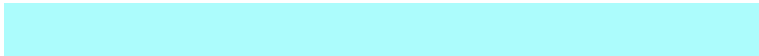
20.3446, 21.4041, 23.3091

Same Dimension

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



40.6945, 48.8120, 58.9074



69.5334, 85.6933, 105.3423



35.5291, 38.4808, 57.1870



10.3686, 11.4285, 12.9442



19.0853, 27.9282, 37.9379



0.8246, 1.2067, 1.6392

Inverse Universe

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



37.2877, 33.2315, 30.4375



62.4118, 53.1235, 45.8281



41.4926, 41.6415, 31.8382



10.0733, 10.0779, 10.4763



14.6275, 7.5408, 0.6848



0.6320, 0.3258, 0.0296

Previews

White Background



This preview shows how the XYZ color 40.6931, 48.8100, 58.9063 looks on a white background.

Color Contrast Check

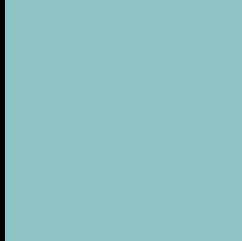
Large Text (above 18pt) WCAG AA × Fail

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 40.6931, 48.8100, 58.9063 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 40.6931, 48.8100, 58.9063

Background



This preview shows how black text looks on a background with the XYZ color 40.6931, 48.8100, 58.9063.

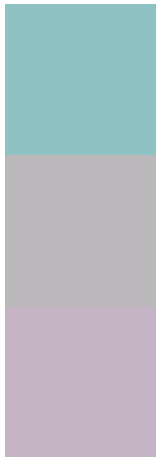


This preview shows how white text looks on a background with the XYZ color 40.6931, 48.8100,

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

40.6931, 48.8100, 58.9063

Protanopia

46.7111, 48.4766, 54.4719

Deuteranopia

49.5403, 48.5901, 60.1938



Tritanopia

42.3092, 48.8050, 66.8649

Trichromacy



Original Color

40.6931, 48.8100, 58.9063

Protanomaly

44.1818, 48.3860, 56.3010

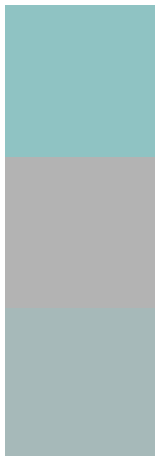
Deuteranomaly

45.5585, 48.0763, 59.7018

Tritanomaly

41.7483, 48.9151, 63.7411

Monochromacy



Original Color

40.6931, 48.8100, 58.9063

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.8318, 46.3077, 52.6324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6931, 48.8100, 58.9063 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(143, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(143, 195, 195)  
}
```

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(143, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 195, 195) }
```

Border

The CSS property to change the border of an element to XYZ 40.6931, 48.8100, 58.9063 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(143, 195, 195) }
```


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

```
.border{ border-color:rgb(143, 195, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(143, 195,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6931, 48.8100, 58.9063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 195, 195) }
```

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

```
.background{ background-color: rgb(143,  
195, 195) }
```

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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