

Converting Colors

XYZ(43.2900, 48.6569, 58.5280)

Have a look what the booklet for
XYZ(43.2900, 48.6569, 58.5280)
contains.

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Color

**XYZ(43.1641, 48.4484,
58.7063)**

Conversions

Conversions Part 1

Format	Color
Hex	A2BEC3
RGB	162, 190, 195
RGB Percent	64%, 75%, 76%
CMY	0.3647, 0.2549, 0.2353
CMYK	0.17, 0.03, 0.00, 0.24
HSL	189°, 22%, 70%
HSV	189°, 17%, 76%
XYZ	43.1641, 48.4484, 58.7063
YIQ	182.1980, -18.2930, -4.3810

Conversions

Conversions Part 2

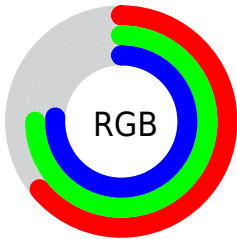
Format	Color
R_{YB}	162, 177, 195
Decimal	10665667
CIE _{Lab}	75.11, -8.38, -5.70
CIE _{LCh}	75, 10.133, 214.234
Yxy	48.4484, 0.2872, 0.3223
Android (android.graphics.Color)	4288855747 (0xFFA2BEC3)
YUV	182.1980, 6.3114, -17.7136
Hunter-Lab	69.6049, -11.1153, -1.2831

Details

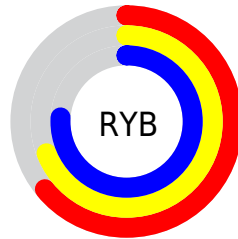
The XYZ color **43.1641, 48.4484, 58.7063** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.8465, 41.8483, 40.0027**, and the grayscale version is **44.5462, 46.8661, 51.0372**.

A 20% lighter version of the original color is **79.1417, 87.6915, 104.8504**, and **20.1838, 23.1294, 28.5999** is the 20% darker color. If you saturate the color by 10%, you get **38.8732, 45.2977, 58.3251**, and if you desaturate by 10%, it is **48.0850, 51.9457, 59.1228**.

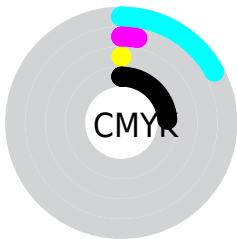
Distribution



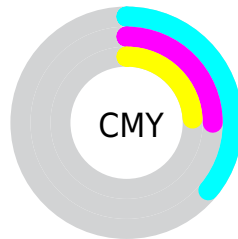
- Red (64%)
- Green (75%)
- Blue (76%)



- Red (64%)
- Yellow (69%)
- Blue (76%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1641, 48.4484, 58.7063 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 43.1641, 48.4484, 58.7063 by changing the saturation by 10% instead.

■ 43.1641, 48.4484,
58.7063

■ 43.1641, 48.4484,
58.7063

350.1963,
380.5667, 437.4842

■ 30.2090, 34.1821,
41.9583

■ 79.2126, 87.8717,
104.4756

■ 20.1461, 23.0335,
28.7433

■ 103.0367,
113.7974, 134.3340

■ 12.6102, 14.6183,
18.6428

131.2145,
144.3785, 169.3995

■ 7.2358, 8.5519,
11.2383

164.1113,
179.9992, 210.0908

■ 3.6576, 4.4501,
6.1112

202.0925,
221.0440, 256.8264

■ 1.5103, 1.9284,
2.8429

245.5236,

■ 0.3329, 0.5654,

267.8972, 310.0248

1.0150

294.7697,
320.9434, 370.1045

■ 0.0000, 0.0000,
0.0000

■ 43.1641, 48.4484,
58.7063

■ 43.1641, 48.4484,
58.7063

■ 38.8732, 45.2977,
58.3251

■ 48.0850, 51.9457,
59.1228

■ 35.1799, 42.4728,
57.9745

■ 53.6582, 55.7974,
59.5725

■ 32.0550, 39.9600,
57.6542

■ 59.9100, 60.0184,
60.0577

■ 29.4653, 37.7420,
57.3625

■ 66.8641, 64.6210,
60.5796

■ 27.3739, 35.7998,
57.0979

■ 72.8668, 68.7527,
61.0607

■ 25.7395, 34.1117,
56.8582

■ 73.5789, 70.1769,
61.2981

■ 24.5136, 32.6528,
56.6412

■ 74.3043, 71.6279,
61.5399

■ 23.6307, 31.3892,
56.4438

■ 75.0433, 73.1059,
61.7862

■ 23.3905, 31.0202,
56.3853

■ 75.7958, 74.6109,
62.0371

Harmonies

Analogous

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



42.5845, 48.4484, 53.5094



43.1641, 48.4484, 58.7063



44.5165, 48.4484, 62.4905

Triad

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



43.1641, 48.4484, 58.7063



49.3342, 48.4484, 57.3155



45.7861, 48.4484, 43.2119

Complementary

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



43.1641, 48.4484, 58.7063



42.8465, 41.8483, 40.0027

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.



47.6157, 48.4484, 44.0819



43.1641, 48.4484, 58.7063



49.6959, 48.4484, 52.0019

Square

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



43.1641, 48.4484, 58.7063



48.0834, 48.4484, 61.6504



49.0591, 48.4484, 47.2147



44.0723, 48.4484, 44.7540

Rectangle

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



43.1641, 48.4484, 58.7063



45.6916, 48.4484, 63.5752



49.0591, 48.4484, 47.2147



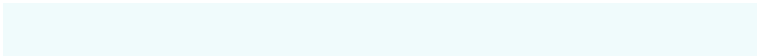
46.4078, 48.4484, 43.2328

Sweetspot

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



43.1655, 48.4504, 58.7074



87.8719, 94.2582, 106.0321



41.3868, 49.5007, 43.9093



19.0930, 20.5369, 23.2077



0.0000, 0.0000, 0.0000



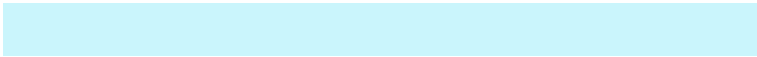
20.3446, 21.4041, 23.3091

Same Dimension

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



43.1655, 48.4504, 58.7074



74.5814, 84.7939, 104.9058



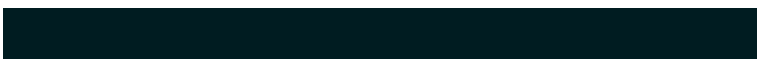
39.8008, 41.7210, 57.5858



10.2344, 11.1601, 12.8995



15.2516, 20.2597, 36.6633



0.6950, 0.9473, 1.5961

Inverse Universe

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



44.7214, 41.1616, 54.3053



77.8707, 69.5824, 95.5556



46.0546, 48.2646, 41.0721



10.4296, 10.2205, 12.3529



19.0943, 9.3275, 24.2062



0.8432, 0.4103, 1.1415

Previews

White Background



This preview shows how the XYZ color 43.1641, 48.4484, 58.7063 looks on a white background.

Color Contrast Check

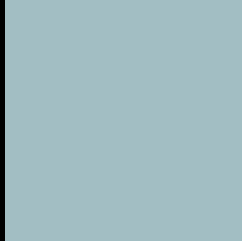
Large Text (above 18pt) WCAG AA × Fail

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 43.1641, 48.4484, 58.7063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

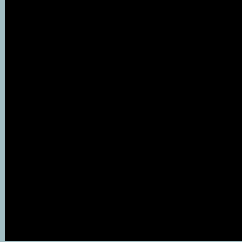
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

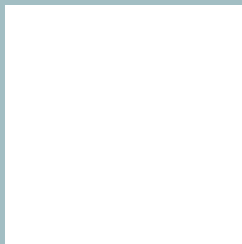
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1641, 48.4484, 58.7063

Background



This preview shows how black text looks on a background with the XYZ color 43.1641, 48.4484, 58.7063.



This preview shows how white text looks on a background with the XYZ color 43.1641, 48.4484,

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

43.1641, 48.4484, 58.7063

Protanopia

46.7942, 48.4817, 56.1818

Deuteranopia

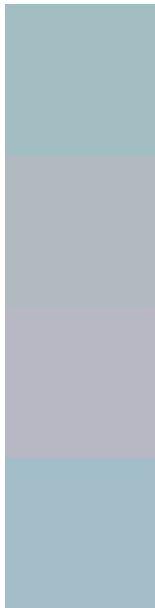
49.2241, 48.1417, 59.5212



Tritanopia

44.4065, 48.6473, 64.1761

Trichromacy



Original Color

43.1641, 48.4484, 58.7063

Protanomaly

45.2048, 48.2707, 56.8038

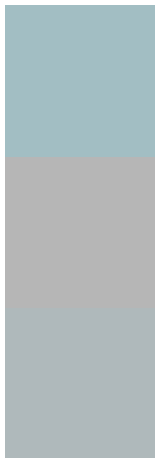
Deuteranomaly

46.6645, 48.0428, 59.0383

Tritanomaly

43.8445, 48.3988, 62.2894

Monochromacy



Original Color

43.1641, 48.4484, 58.7063

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.9978, 47.3997, 53.8438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1641, 48.4484, 58.7063 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(162, 190, 195)` looks like.

```
.text, #text, p{  
    color:rgb(162, 190, 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(162, 190, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 190, 195) }
```

Border

The CSS property to change the border of an element to XYZ 43.1641, 48.4484, 58.7063 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(162, 190, 195) }
```


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

```
.border{ border-color:rgb(162, 190, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 190, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 190, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 190, 195);  
box-shadow:4px 4px 4px 4px rgb(162, 190,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1641, 48.4484, 58.7063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 190, 195) }
```

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

```
.background{ background-color: rgb(162,  
190, 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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