

Converting Colors

XYZ(43.1825, 48.2422, 57.5120)

Have a look what the booklet for
XYZ(43.1825, 48.2422, 57.5120)
contains.

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Color

**XYZ(43.1331, 48.1380,
57.4703)**

Conversions

Conversions Part 1

Format	Color
Hex	A4BDC1
RGB	164, 189, 193
RGB Percent	64%, 74%, 76%
CMY	0.3569, 0.2588, 0.2431
CMYK	0.15, 0.02, 0.00, 0.24
HSL	188°, 19%, 70%
HSV	188°, 15%, 76%
XYZ	43.1331, 48.1380, 57.4703
YIQ	181.9810, -16.1840, -4.0560

Conversions

Conversions Part 2

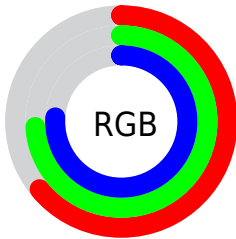
Format	Color
RYB	164, 177, 193
Decimal	10796481
CIELab	74.91, -7.63, -4.89
CIELCh	75, 9.060, 212.639
Yxy	48.1380, 0.2900, 0.3236
Android (android.graphics.Color)	4288986561 (0xFFA4BDC1)
YUV	181.9810, 5.4324, -15.7693
Hunter-Lab	69.3816, -10.4479, -0.5442

Details

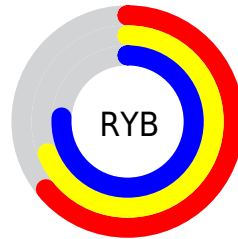
The XYZ color **43.1331, 48.1380, 57.4703** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.6961, 42.0230, 40.9838**, and the grayscale version is **44.4319, 46.7458, 50.9062**.

A 20% lighter version of the original color is **78.9647, 87.2044, 102.2928**, and **20.2199, 22.9465, 28.1744** is the 20% darker color. If you saturate the color by 10%, you get **38.8818, 45.1059, 57.1099**, and if you desaturate by 10%, it is **48.0022, 51.5067, 57.8647**.

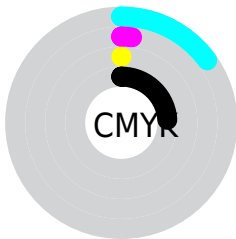
Distribution



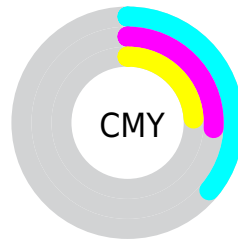
- Red (64%)
- Green (74%)
- Blue (76%)



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



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1331, 48.1380, 57.4703 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 43.1331, 48.1380, 57.4703 by changing the saturation by 10% instead.

■ 43.1331, 48.1380,
57.4703

■ 43.1331, 48.1380,
57.4703

350.0711,
379.3389, 432.7523

■ 30.1845, 33.9362,
40.9711

■ 79.1661, 87.4098,
102.6582

■ 20.1275, 22.8446,
27.9770

■ 102.9813,
113.2486, 132.1840

■ 12.5965, 14.4788,
18.0694

131.1494,
143.7352, 166.8891

■ 7.2264, 8.4544,
10.8299

164.0358,
179.2540, 207.1919

■ 3.6517, 4.3871,
5.8398

202.0058,
220.1894, 253.5111

■ 1.5070, 1.8924,
2.6807

245.4248,

■ 0.3306, 0.5438,

266.9257, 306.2652

0.9337

294.6581,
319.8474, 365.8728

■ 0.0000, 0.0000,
0.0000

■ 43.1331, 48.1380,
57.4703

■ 43.1331, 48.1380,
57.4703

■ 38.8818, 45.1059,
57.1099

■ 48.0022, 51.5067,
57.8647

■ 35.2168, 42.3902,
56.7789

■ 53.5103, 55.2193,
58.2910

■ 32.1103, 39.9779,
56.4770

■ 59.6829, 59.2902,
58.7514

■ 29.5305, 37.8524,
56.2027

■ 66.5428, 63.7311,
59.2470

■ 27.4422, 35.9956,
55.9544

■ 72.0581, 67.4949,
59.6828

■ 25.8059, 34.3870,
55.7301

■ 72.6889, 68.7566,
59.8931

■ 24.5762, 33.0030,
55.5278

■ 73.3306, 70.0399,
60.1070

■ 23.6973, 31.8150,
55.3448

■ 73.9831, 71.3450,
60.3245

■ 23.3346, 31.2679,
55.2583

■ 74.6466, 72.6720,
60.5457

Harmonies

Analogous

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



42.6563, 48.1380, 52.8336



43.1331, 48.1380, 57.4703



44.3107, 48.1380, 60.9073

Triad

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



43.1331, 48.1380, 57.4703



48.6304, 48.1380, 56.7031



45.6078, 48.1380, 43.8493

Complementary

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



43.1331, 48.1380, 57.4703



42.6961, 42.0230, 40.9838

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.



47.2278, 48.1380, 44.7496



43.1331, 48.1380, 57.4703



48.9976, 48.1380, 51.9968

Square

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



43.1331, 48.1380, 57.4703



47.4867, 48.1380, 60.4460



48.4784, 48.1380, 47.6635



44.0634, 48.1380, 45.1272

Rectangle

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



43.1331, 48.1380, 57.4703



45.3483, 48.1380, 61.9543



48.4784, 48.1380, 47.6635



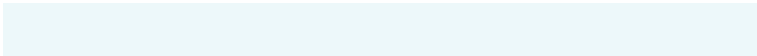
46.1615, 48.1380, 43.9073

Sweetspot

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



43.1345, 48.1400, 57.4714



85.9221, 92.2143, 103.6309



41.4361, 48.8555, 44.2277



18.2928, 19.6872, 22.2212



92.9021, 97.7402, 106.4391



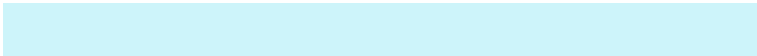
19.4759, 20.4902, 22.3138

Same Dimension

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



43.1345, 48.1400, 57.4714



74.6543, 84.3842, 102.7134



40.1950, 42.2611, 56.4916



10.2464, 11.1840, 12.9035



15.5635, 20.8835, 36.7673



0.7058, 0.9690, 1.5997

Inverse Universe

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



44.4542, 41.5635, 53.8260



77.4838, 70.4424, 94.8621



45.4971, 47.6249, 41.9174



10.4357, 10.2229, 12.3847



19.2517, 9.3904, 25.0353



0.8486, 0.4125, 1.1703

Previews

White Background



This preview shows how the XYZ color 43.1331, 48.1380, 57.4703 looks on a white background.

Color Contrast Check

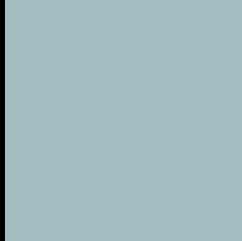
Large Text (above 18pt) WCAG AA × Fail

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 43.1331, 48.1380, 57.4703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

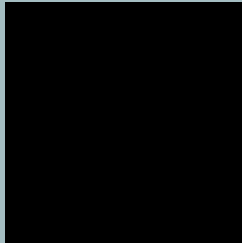
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

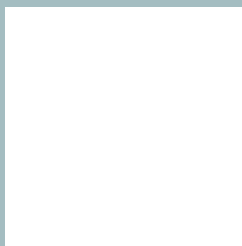
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1331, 48.1380, 57.4703

Background



This preview shows how black text looks on a background with the XYZ color 43.1331, 48.1380, 57.4703.



This preview shows how white text looks on a background with the XYZ color 43.1331, 48.1380,

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

43.1331, 48.1380, 57.4703

Protanopia

46.3685, 47.9802, 54.9613

Deuteranopia

48.9964, 48.0506, 58.3221



Tritanopia

44.3698, 48.3377, 62.8687

Trichromacy



Original Color

43.1331, 48.1380, 57.4703

Protanomaly

45.0033, 47.8806, 55.5851

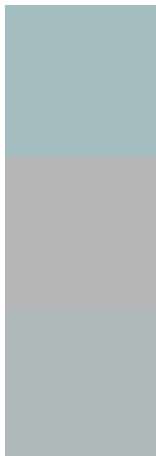
Deuteranomaly

46.6787, 48.0763, 57.8584

Tritanomaly

43.8091, 48.0893, 61.0060

Monochromacy



Original Color

43.1331, 48.1380, 57.4703

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.8911, 47.3571, 53.2819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1331, 48.1380, 57.4703 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(164, 189, 193)` looks like.

```
.text, #text, p{  
    color:rgb(164, 189, 193)  
}
```

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(164, 189, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 189, 193) }
```

Border

The CSS property to change the border of an element to XYZ 43.1331, 48.1380, 57.4703 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(164, 189, 193) }
```


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

```
.border{ border-color:rgb(164, 189, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 189, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 189, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 189, 193);  
box-shadow:4px 4px 4px 4px rgb(164, 189,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1331, 48.1380, 57.4703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 189, 193) }
```

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

```
.background{ background-color: rgb(164,  
189, 193) }
```

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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