

Converting Colors

XYZ(43.4669, 48.8387, 65.6895)

Have a look what the booklet for
XYZ(43.4669, 48.8387, 65.6895)
contains.

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Color

**XYZ(43.4817, 48.7858,
65.5174)**

Conversions

Conversions Part 1

Format	Color
Hex	9CBFCE
RGB	156, 191, 206
RGB Percent	61%, 75%, 81%
CMY	0.3882, 0.2510, 0.1922
CMYK	0.24, 0.07, 0.00, 0.19
HSL	198°, 34%, 71%
HSV	198°, 24%, 81%
XYZ	43.4817, 48.7858, 65.5174
YIQ	182.2450, -25.6750, -2.7550

Conversions

Conversions Part 2

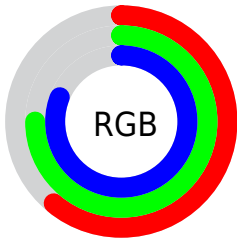
Format	Color
R _Y B	156, 177, 206
Decimal	10272718
CIE Lab	75.32, -8.35, -11.40
CIE LCh	75, 14.132, 233.797
Yxy	48.7858, 0.2756, 0.3092
Android (android.graphics.Color)	4288462798 (0xFF9CBFCE)
YUV	182.2450, 11.7112, -23.0169
Hunter-Lab	69.8468, -11.1105, -6.7221

Details

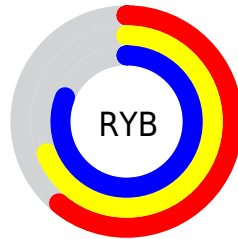
The XYZ color **43.4817, 48.7858, 65.5174** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.0178, 44.6481, 37.6461**, and the grayscale version is **44.5463, 46.8662, 51.0373**.

A 20% lighter version of the original color is **78.1747, 87.5904, 107.3941**, and **20.4649, 23.3870, 33.1413** is the 20% darker color. If you saturate the color by 10%, you get **38.5096, 44.2653, 64.9077**, and if you desaturate by 10%, it is **49.1896, 53.7725, 66.1799**.

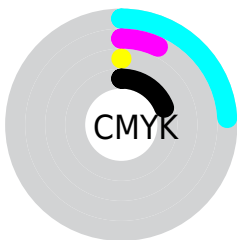
Distribution



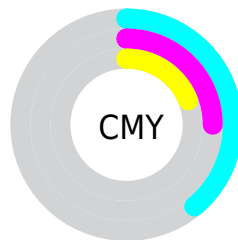
- Red (61%)
- Green (75%)
- Blue (81%)



- Red (61%)
- Yellow (69%)
- Blue (81%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (39%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4817, 48.7858, 65.5174 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 43.4817, 48.7858, 65.5174 by changing the saturation by 10% instead.

■ 43.4817, 48.7858,
65.5174

■ 43.4817, 48.7858,
65.5174

351.4771,
381.8985, 463.0060

■ 30.4594, 34.4496,
47.4267

■ 79.6884, 88.3732,
114.4138

■ 20.3374, 23.2392,
33.0164

■ 103.6036,
114.3933, 146.0566

■ 12.7502, 14.7702,
21.8678

131.8804,
145.0767, 183.0538

■ 7.3326, 8.6583,
13.5624

164.8843,
180.8079, 225.8241

■ 3.7191, 4.5190,
7.6817

202.9805,
221.9713, 274.7859

■ 1.5445, 1.9679,
3.8071

246.5345,

■ 0.3558, 0.5887,

268.9512, 330.3578

1.5201

295.9116,
322.1322, 392.9583

■ 0.0000, 0.0000,
0.2329

■ 0.0000, 0.0000,
0.0000

■ 43.4817, 48.7858,
65.5174

■ 43.4817, 48.7858,
65.5174

■ 38.5096, 44.2653,
64.9077

■ 49.1896, 53.7725,
66.1799

■ 34.2342, 40.1861,
64.3457

■ 55.6614, 59.2371,
66.8936

■ 30.6191, 36.5297,
63.8305

■ 62.9287, 65.1983,
67.6612

■ 27.6228, 33.2735,
63.3599

■ 71.0203, 71.6718,
68.4842

■ 25.1987, 30.3925,
62.9316

■ 78.4753, 77.9054,
69.2945

■ 23.2929, 27.8577,
62.5428

■ 80.1457, 81.2463,
69.8513

■ 21.8404, 25.6346,
62.1902

■ 81.8769, 84.7087,
70.4284

■ 21.1459, 24.4666,
62.0014

■ 83.6695, 88.2939,
71.0259

■ 85.5241, 92.0030,
71.6441

Harmonies

Analogous

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



41.9482, 48.7858, 59.1024



43.4817, 48.7858, 65.5174



45.8319, 48.7858, 68.6456

Triad

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



43.4817, 48.7858, 65.5174



51.5138, 48.7858, 54.6799



44.3833, 48.7858, 41.0776

Complementary

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



43.4817, 48.7858, 65.5174



46.0178, 44.6481, 37.6461

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.



46.9111, 48.7858, 40.1309



43.4817, 48.7858, 65.5174



51.0909, 48.7858, 47.5545

Square

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



43.4817, 48.7858, 65.5174



50.5174, 48.7858, 62.0234



49.3823, 48.7858, 42.3934



42.4550, 48.7858, 45.1112

Rectangle

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



43.4817, 48.7858, 65.5174



47.5708, 48.7858, 68.2560



49.3823, 48.7858, 42.3934



45.1885, 48.7858, 40.4044

Sweetspot

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



43.4832, 48.7878, 65.5185



87.1008, 93.4017, 108.0454



43.0541, 54.1201, 46.2910



18.5029, 19.8741, 23.1108



0.0000, 0.0000, 0.0000



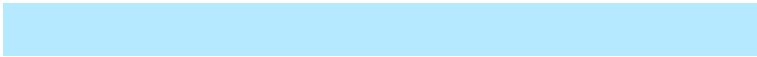
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4832, 48.7878, 65.5185



66.2053, 75.2249, 105.6382



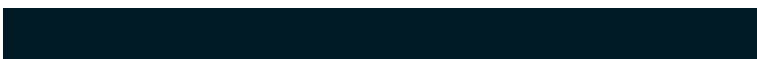
38.6401, 39.1017, 63.9042



11.2482, 12.1367, 14.3202



13.1092, 15.2423, 38.2074



0.7407, 0.9152, 1.9926

Inverse Universe

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



46.7472, 40.6615, 54.6771



72.4561, 60.2009, 84.7559



51.0077, 54.6280, 39.3094



11.5386, 11.3442, 13.3710



18.8278, 9.3417, 17.3438



1.0038, 0.4949, 1.0660

Previews

White Background



This preview shows how the XYZ color 43.4817, 48.7858, 65.5174 looks on a white background.

Color Contrast Check

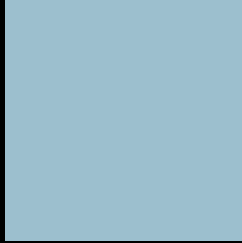
Large Text (above 18pt) WCAG AA × Fail

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 43.4817, 48.7858, 65.5174 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 43.4817, 48.7858, 65.5174

Background



This preview shows how black text looks on a background with the XYZ color 43.4817, 48.7858, 65.5174.



This preview shows how white text looks on a background with the XYZ color 43.4817, 48.7858,

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

43.4817, 48.7858, 65.5174

Protanopia

47.4503, 48.6884, 62.1552

Deuteranopia

49.4447, 48.4031, 66.4112



Tritanopia

43.4817, 48.7858, 65.5174

Trichromacy



Original Color

43.4817, 48.7858, 65.5174

Protanomaly

46.0054, 48.8511, 63.5044

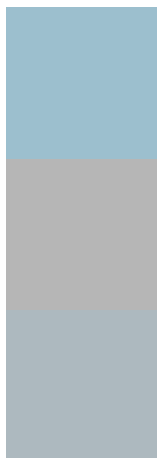
Deuteranomaly

46.9934, 48.3697, 65.8909

Tritanomaly

43.4817, 48.7858, 65.5174

Monochromacy



Original Color

43.4817, 48.7858, 65.5174

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.9865, 47.3437, 56.1101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4817, 48.7858, 65.5174 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(156, 191, 206)` looks like.

```
.text, #text, p{  
    color:rgb(156, 191, 206)  
}
```

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(156, 191, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 191, 206) }
```

Border

The CSS property to change the border of an element to XYZ 43.4817, 48.7858, 65.5174 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(156, 191, 206) }
```


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

```
.border{ border-color:rgb(156, 191, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 191, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 191, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 191, 206);  
box-shadow:4px 4px 4px 4px rgb(156, 191,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4817, 48.7858, 65.5174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 191, 206) }
```

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

```
.background{ background-color: rgb(156,  
191, 206) }
```

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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