

Converting Colors

XYZ(44.3132, 49.1907, 59.0290)

Have a look what the booklet for
XYZ(44.3132, 49.1907, 59.0290)
contains.

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Color

**XYZ(44.2001, 48.9825,
58.7547)**

Conversions

Conversions Part 1

Format	Color
Hex	A7BEC3
RGB	167, 190, 195
RGB Percent	65%, 75%, 76%
CMY	0.3451, 0.2549, 0.2353
CMYK	0.14, 0.03, 0.00, 0.24
HSL	191°, 19%, 71%
HSV	191°, 14%, 76%
XYZ	44.2001, 48.9825, 58.7547
YIQ	183.6930, -15.3130, -3.3210

Conversions

Conversions Part 2

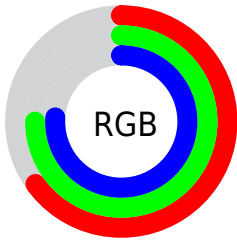
Format	Color
R_YB	167, 180, 195
Decimal	10993347
CIE Lab	75.44, -6.76, -5.17
CIE LCh	75, 8.514, 217.390
Yxy	48.9825, 0.2909, 0.3224
Android (android.graphics.Color)	4289183427 (0xFFA7BEC3)
YUV	183.6930, 5.5744, -14.6398
Hunter-Lab	69.9875, -9.7477, -0.7829

Details

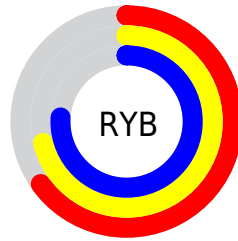
The XYZ color **44.2001, 48.9825, 58.7547** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.2335, 43.8970, 42.7017**, and the grayscale version is **45.3680, 47.7307, 51.9788**.

A 20% lighter version of the original color is **80.6507, 88.4694, 104.9210**, and **20.8236, 23.4592, 28.6299** is the 20% darker color. If you saturate the color by 10%, you get **39.6427, 45.5286, 58.3290**, and if you desaturate by 10%, it is **49.3995, 52.7967, 59.2176**.

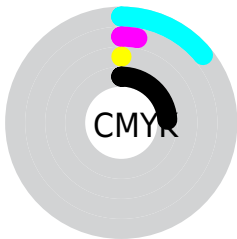
Distribution



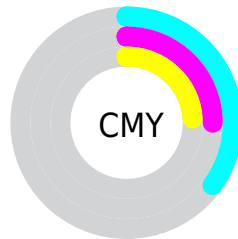
- Red (65%)
- Green (75%)
- Blue (76%)



- Red (65%)
- Yellow (71%)
- Blue (76%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (35%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2001, 48.9825, 58.7547 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 44.2001, 48.9825, 58.7547 by changing the saturation by 10% instead.

■ 44.2001, 48.9825,
58.7547

■ 44.2001, 48.9825,
58.7547

354.3626,
382.6734, 437.6688

■ 31.0264, 34.6056,
41.9970

■ 80.7632, 88.6655,
104.5467

■ 20.7709, 23.3592,
28.7734

■ 104.8834,
114.7403, 134.4180

■ 13.0681, 14.8590,
18.6653

133.3832,
145.4833, 169.4976

■ 7.5528, 8.7205,
11.2544

166.6278,
181.2787, 210.2040

■ 3.8595, 4.5593,
6.1219

204.9827,
222.5111, 256.9558

■ 1.6230, 1.9911,
2.8493

248.8133,

■ 0.4073, 0.6023,

269.5647, 310.1715

1.0182

298.4848,
322.8240, 370.2697

■ 0.0000, 0.0000,
0.0000

■ 44.2001, 48.9825,
58.7547

■ 44.2001, 48.9825,
58.7547

■ 39.6427, 45.5286,
58.3290

■ 49.3995, 52.7967,
59.2176

■ 35.6952, 42.4144,
57.9360

■ 55.2628, 56.9787,
59.7158

■ 32.3292, 39.6263,
57.5752

■ 61.8161, 61.5435,
60.2515

■ 29.5120, 37.1473,
57.2452

■ 69.0825, 66.5033,
60.8259

■ 27.2079, 34.9588,
56.9442

■ 73.5017, 70.0226,
61.2723

■ 25.3766, 33.0398,
56.6703

■ 74.3564, 71.7320,
61.5572

■ 23.9719, 31.3663,
56.4213

■ 75.2298, 73.4788,
61.8483

■ 22.9373, 29.9090,
56.1946

■ 76.1220, 75.2633,
62.1457

■ 22.4557, 29.1506,
56.0736

■ 77.0332, 77.0857,
62.4495

Harmonies

Analogous

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



43.6279, 48.9825, 54.4528



44.2001, 48.9825, 58.7547



45.4060, 48.9825, 61.7148

Triad

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



44.2001, 48.9825, 58.7547



49.3976, 48.9825, 56.7251



46.1694, 48.9825, 45.2152

Complementary

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



44.2001, 48.9825, 58.7547



44.2335, 43.8970, 42.7017

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.



47.7260, 48.9825, 45.7478



44.2001, 48.9825, 58.7547



49.6131, 48.9825, 52.2299

Square

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



44.2001, 48.9825, 58.7547



48.4127, 48.9825, 60.4978



48.9950, 48.9825, 48.2567



44.7482, 48.9825, 46.7586

Rectangle

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



44.2001, 48.9825, 58.7547



46.4191, 48.9825, 62.4397



48.9950, 48.9825, 48.2567



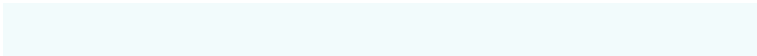
46.6939, 48.9825, 45.1589

Sweetspot

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



44.2015, 48.9845, 58.7558



88.7682, 94.7709, 106.0838



42.8667, 50.2123, 46.2956



19.2734, 20.6339, 23.2169



0.0000, 0.0000, 0.0000



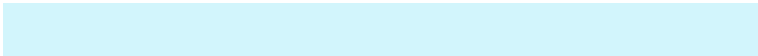
20.3446, 21.4041, 23.3091

Same Dimension

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



44.2015, 48.9845, 58.7558



76.6769, 85.8682, 105.0027



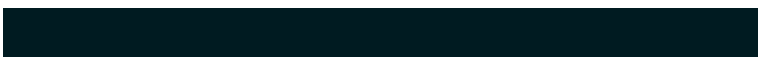
41.3783, 43.3381, 57.8147



10.2107, 11.1127, 12.8916



14.6505, 19.0574, 36.4629



0.6739, 0.9053, 1.5891

Inverse Universe

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



45.6197, 42.9582, 54.6049



79.6891, 73.2225, 96.1519



46.9703, 49.3705, 43.6139



10.4177, 10.2157, 12.2899



18.7909, 9.2061, 22.6085



0.8326, 0.4060, 1.0856

Previews

White Background



This preview shows how the XYZ color 44.2001, 48.9825, 58.7547 looks on a white background.

Color Contrast Check

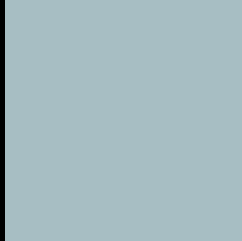
Large Text (above 18pt) WCAG AA × Fail

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 44.2001, 48.9825, 58.7547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

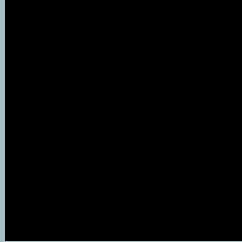
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2001, 48.9825, 58.7547

Background



This preview shows how black text looks on a background with the XYZ color 44.2001, 48.9825, 58.7547.



This preview shows how white text looks on a background with the XYZ color 44.2001, 48.9825,

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

44.2001, 48.9825, 58.7547

Protanopia

47.1484, 48.6515, 56.7749

Deuteranopia

49.6880, 48.6795, 59.6006



Tritanopia

45.4589, 49.1898, 64.2254

Trichromacy



Original Color

44.2001, 48.9825, 58.7547

Protanomaly

46.0069, 48.6714, 57.4218

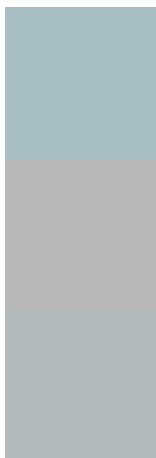
Deuteranomaly

47.5978, 48.8313, 59.1413

Tritanomaly

44.8887, 48.9371, 62.3383

Monochromacy



Original Color

44.2001, 48.9825, 58.7547

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.9961, 48.2136, 54.5116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2001, 48.9825, 58.7547 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(167, 190, 195)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 190, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 190, 195) }
```

Border

The CSS property to change the border of an element to XYZ 44.2001, 48.9825, 58.7547 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(167, 190, 195) }
```


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

```
.border{ border-color:rgb(167, 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(167, 190, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 190, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 190, 195);  
box-shadow:4px 4px 4px 4px rgb(167, 190,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2001, 48.9825, 58.7547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 190, 195) }
```

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

```
.background{ background-color: rgb(167,  
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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