

Converting Colors

XYZ(43.2021, 46.7733, 59.1848)

Have a look what the booklet for
XYZ(43.2021, 46.7733, 59.1848)
contains.

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Color

**XYZ(43.2491, 46.8989,
58.9975)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B9C4
RGB	167, 185, 196
RGB Percent	65%, 73%, 77%
CMY	0.3451, 0.2745, 0.2314
CMYK	0.15, 0.06, 0.00, 0.23
HSL	203°, 20%, 71%
HSV	203°, 15%, 77%
XYZ	43.2491, 46.8989, 58.9975
YIQ	180.8720, -14.2590, -0.3950

Conversions

Conversions Part 2

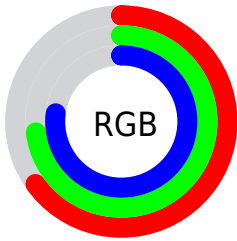
Format	Color
RYB	167, 178, 196
Decimal	10992068
CIELab	74.13, -3.89, -7.66
CIELCh	74, 8.595, 243.063
Yxy	46.8989, 0.2900, 0.3145
Android (android.graphics.Color)	4289182148 (0xFFA7B9C4)
YUV	180.8720, 7.4581, -12.1657
Hunter-Lab	68.4828, -7.1163, -3.1400

Details

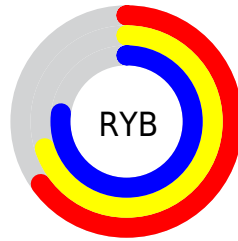
The XYZ color **43.2491, 46.8989, 58.9975** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6607, 46.3665, 43.1032**, and the grayscale version is **43.8194, 46.1014, 50.2045**.

A 20% lighter version of the original color is **79.3091, 85.5320, 105.2578**, and **20.2040, 22.1004, 28.7921** is the 20% darker color. If you saturate the color by 10%, you get **37.9039, 41.8962, 58.3143**, and if you desaturate by 10%, it is **49.3059, 52.3916, 59.7392**.

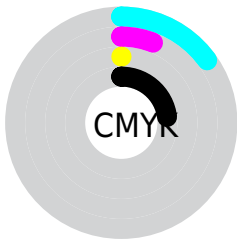
Distribution



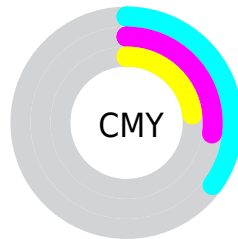
- Red (65%)
- Green (73%)
- Blue (77%)



- Red (65%)
- Yellow (70%)
- Blue (77%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



- Cyan (35%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2491, 46.8989, 58.9975 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 43.2491, 46.8989, 58.9975 by changing the saturation by 10% instead.

■ 43.2491, 46.8989,
58.9975

■ 43.2491, 46.8989,
58.9975

350.5394,
374.4108, 438.5943

■ 30.2760, 32.9557,
42.1911

■ 79.3400, 85.5627,
104.9031

■ 20.1973, 22.0925,
28.9243

■ 103.1885,
111.0521, 134.8394

■ 12.6476, 13.9249,
18.7785

131.3928,
141.1591, 169.9894

■ 7.2617, 8.0685,
11.3351

164.3183,
176.2680, 210.7717

■ 3.6741, 4.1388,
6.1757

202.3304,
216.7632, 257.6048

■ 1.5194, 1.7515,
2.8817

245.7943,

■ 0.3390, 0.4567,

263.0292, 310.9072

1.0346

295.0755,
315.4502, 371.0975

■ 0.0000, 0.0000,
0.0000

■ 43.2491, 46.8989,
58.9975

■ 43.2491, 46.8989,
58.9975

■ 37.9039, 41.8962,
58.3143

■ 49.3059, 52.3916,
59.7392

■ 33.2369, 37.3607,
57.6849

■ 56.0978, 58.3846,
60.5380

■ 29.2178, 33.2762,
57.1083

■ 63.6522, 64.8948,
61.3964

■ 25.8124, 29.6232,
56.5827

■ 71.9938, 71.9368,
62.3160

■ 22.9830, 26.3803,
56.1059

■ 77.3700, 77.5776,
63.1215

■ 20.6876, 23.5238,
55.6755

■ 79.3899, 81.6175,
63.7948

■ 18.8775, 21.0265,
55.2889

■ 81.4980, 85.8337,
64.4975

■ 17.4939, 18.8560,
54.9429

■ 83.6953, 90.2284,
65.2299

■ 16.8833, 17.8243,
54.7759

■ 85.9829, 94.8035,
65.9925

Harmonies

Analogous

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



42.1422, 46.8989, 55.8285



43.2491, 46.8989, 58.9975



44.7343, 46.8989, 60.0020

Triad

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



43.2491, 46.8989, 58.9975



47.5961, 46.8989, 50.6135



42.9813, 46.8989, 44.2878

Complementary

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



43.2491, 46.8989, 58.9975



45.6607, 46.3665, 43.1032

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.



44.4181, 46.8989, 43.0625



43.2491, 46.8989, 58.9975



47.1018, 46.8989, 46.5803

Square

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



43.2491, 46.8989, 58.9975



47.2660, 46.8989, 55.0004



45.9298, 46.8989, 43.8773



41.9901, 46.8989, 47.3218

Rectangle

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



43.2491, 46.8989, 58.9975



45.7451, 46.8989, 59.2644



45.9298, 46.8989, 43.8773



43.4270, 46.8989, 43.6589

Sweetspot

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



43.2505, 46.9008, 58.9985



90.1748, 95.6733, 108.3218



43.6762, 50.8958, 49.4495



19.1102, 20.3075, 23.1625



0.0000, 0.0000, 0.0000



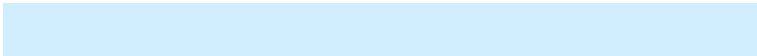
20.3446, 21.4041, 23.3091

Same Dimension

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



43.2505, 46.9008, 58.9985



74.8291, 81.7025, 106.4340



40.4388, 41.2774, 58.0613



10.0373, 10.7659, 12.8338



10.9332, 11.6230, 35.2238



0.5371, 0.6316, 1.5435

Inverse Universe

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



45.3417, 42.8770, 51.7874



79.4380, 73.0592, 90.4912



48.6197, 52.2845, 44.0895



10.3301, 10.1807, 11.8289



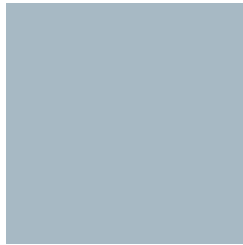
16.9146, 8.4556, 12.7281



0.7635, 0.3784, 0.7220

Previews

White Background



This preview shows how the XYZ color 43.2491, 46.8989, 58.9975 looks on a white background.

Color Contrast Check

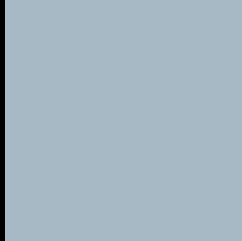
Large Text (above 18pt) WCAG AA × Fail

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 43.2491, 46.8989, 58.9975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

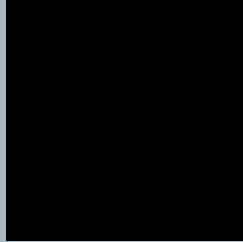
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

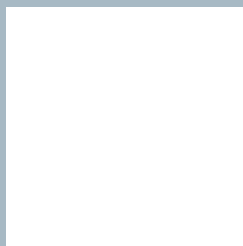
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2491, 46.8989, 58.9975

Background



This preview shows how black text looks on a background with the XYZ color 43.2491, 46.8989, 58.9975.



This preview shows how white text looks on a background with the XYZ color 43.2491, 46.8989,

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

43.2491, 46.8989, 58.9975

Protanopia

45.4409, 46.8431, 57.0987

Deuteranopia

47.6534, 46.7280, 59.9339



Tritanopia

43.5977, 46.7293, 60.7546

Trichromacy



Original Color

43.2491, 46.8989, 58.9975

Protanomaly

44.5970, 46.6981, 57.7020

Deuteranomaly

45.9277, 46.7410, 59.4246

Tritanomaly

43.4820, 46.6830, 60.1451

Monochromacy



Original Color

43.2491, 46.8989, 58.9975

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.4954, 46.2312, 53.0854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2491, 46.8989, 58.9975 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, 185, 196)` looks like.

```
.text, #text, p{  
    color:rgb(167, 185, 196)  
}
```

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, 185, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 185, 196) }
```

Border

The CSS property to change the border of an element to XYZ 43.2491, 46.8989, 58.9975 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, 185, 196) }
```


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

```
.border{ border-color:rgb(167, 185, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 185, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 185, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 185, 196);  
box-shadow:4px 4px 4px 4px rgb(167, 185,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2491, 46.8989, 58.9975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 185, 196) }
```

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

```
.background{ background-color: rgb(167,  
185, 196) }
```

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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