

Converting Colors

XYZ(42.9392, 46.7301, 59.5805)

Have a look what the booklet for
XYZ(42.9392, 46.7301, 59.5805)
contains.

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Color

**XYZ(42.9441, 46.7285,
59.5794)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B9C5
RGB	165, 185, 197
RGB Percent	65%, 73%, 77%
CMY	0.3529, 0.2745, 0.2274
CMYK	0.16, 0.06, 0.00, 0.23
HSL	202°, 22%, 71%
HSV	202°, 16%, 77%
XYZ	42.9441, 46.7285, 59.5794
YIQ	180.3880, -15.7720, -0.5080

Conversions

Conversions Part 2

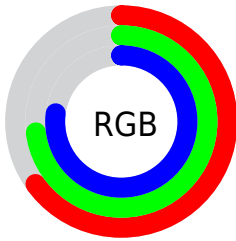
Format	Color
R_{YB}	165, 177, 197
Decimal	10860997
CIE _{Lab}	74.02, -4.33, -8.38
CIE _{LCh}	74, 9.436, 242.696
Yxy	46.7285, 0.2877, 0.3131
Android (android.graphics.Color)	4289051077 (0xFFA5B9C5)
YUV	180.3880, 8.1897, -13.4953
Hunter-Lab	68.3582, -7.4894, -3.8250

Details

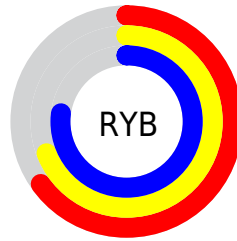
The XYZ color **42.9441, 46.7285, 59.5794** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5400, 46.0312, 42.0830**, and the grayscale version is **43.5555, 45.8237, 49.9021**.

A 20% lighter version of the original color is **78.8599, 85.2820, 106.0706**, and **20.0192, 21.9964, 29.1772** is the 20% darker color. If you saturate the color by 10%, you get **37.6530, 41.7674, 58.9014**, and if you desaturate by 10%, it is **48.9494, 52.1794, 60.3158**.

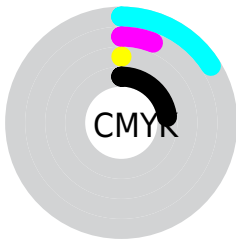
Distribution



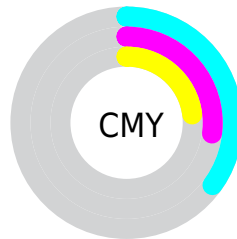
- Red (65%)
- Green (73%)
- Blue (77%)



- Red (65%)
- Yellow (69%)
- Blue (77%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9441, 46.7285, 59.5794 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 42.9441, 46.7285, 59.5794 by changing the saturation by 10% instead.

■ 42.9441, 46.7285,
59.5794

■ 42.9441, 46.7285,
59.5794

349.3072,
373.7298, 440.8072

■ 30.0356, 32.8211,
42.6566

■ 78.8827, 85.3082,
105.7567

■ 20.0138, 21.9894,
29.2864

■ 102.6436,
110.7493, 135.8483

■ 12.5134, 13.8491,
19.0501

130.7526,
140.8037, 171.1666

■ 7.1690, 8.0158,
11.5293

163.5751,
175.8559, 212.1301

■ 3.6153, 4.1051,
6.3054

201.4764,
216.2902, 259.1574

■ 1.4869, 1.7325,
2.9599

244.8220,

■ 0.3169, 0.4446,

262.4910, 312.6670

1.0742

293.9772,
314.8427, 373.0774

■ 0.0000, 0.0000,
0.0000

■ 42.9441, 46.7285,
59.5794

■ 42.9441, 46.7285,
59.5794

■ 37.6530, 41.7674,
58.9014

■ 48.9494, 52.1794,
60.3158

■ 33.0420, 37.2732,
58.2770

■ 55.6929, 58.1305,
61.1090

■ 29.0802, 33.2291,
57.7052

■ 63.2026, 64.5992,
61.9618

■ 25.7325, 29.6153,
57.1841

■ 71.5035, 71.6002,
62.8756

■ 22.9604, 26.4100,
56.7115

■ 77.4220, 77.4989,
63.7022

■ 20.7202, 23.5887,
56.2850

■ 79.4262, 81.5073,
64.3703

■ 18.9617, 21.1234,
55.9019

■ 81.5174, 85.6897,
65.0674

■ 17.6209, 18.9792,
55.5587

■ 83.6967, 90.0483,
65.7938

■ 17.1786, 18.2321,
55.4378

■ 85.9650, 94.5850,
66.5499

Harmonies

Analogous

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



41.7424, 46.7285, 56.0589



42.9441, 46.7285, 59.5794



44.5666, 46.7285, 60.7240

Triad

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



42.9441, 46.7285, 59.5794



47.7302, 46.7285, 50.4442



42.6865, 46.7285, 43.4622

Complementary

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



42.9441, 46.7285, 59.5794



45.5400, 46.0312, 42.0830

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.



44.2618, 46.7285, 42.1608



42.9441, 46.7285, 59.5794



47.1973, 46.7285, 46.0291

Square

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



42.9441, 46.7285, 59.5794



47.3561, 46.7285, 55.2563



45.9171, 46.7285, 43.0704



41.5964, 46.7285, 46.7399

Rectangle

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



42.9441, 46.7285, 59.5794



45.6761, 46.7285, 59.9305



45.9171, 46.7285, 43.0704



43.1754, 46.7285, 42.7888

Sweetspot

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



42.9455, 46.7304, 59.5804



89.0077, 94.6494, 108.1857



43.3935, 51.0964, 49.0322



18.8755, 20.1019, 23.1352



0.0000, 0.0000, 0.0000



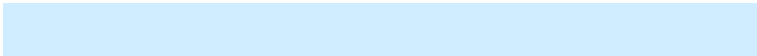
20.3446, 21.4041, 23.3091

Same Dimension

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



42.9455, 46.7304, 59.5804



73.8930, 80.8935, 106.3272



39.8337, 40.5069, 58.5432



10.5997, 11.3734, 13.5541



11.3814, 12.1567, 36.4910



0.6068, 0.7115, 1.7505

Inverse Universe

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



45.2392, 42.2845, 51.6785



78.7059, 71.7727, 89.6996



48.8294, 52.6099, 43.1795



10.9080, 10.7466, 12.4986



17.5441, 8.7672, 13.3411



0.8650, 0.4288, 0.8123

Previews

White Background



This preview shows how the XYZ color 42.9441, 46.7285, 59.5794 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 42.9441, 46.7285, 59.5794 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

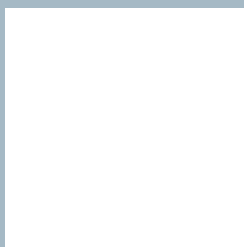
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9441, 46.7285, 59.5794

Background



This preview shows how black text looks on a background with the XYZ color 42.9441, 46.7285, 59.5794.



This preview shows how white text looks on a background with the XYZ color 42.9441, 46.7285,

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

42.9441, 46.7285, 59.5794

Protanopia

45.3175, 46.7665, 57.6773

Deuteranopia

47.5168, 46.6442, 60.5317



Tritanopia

43.1748, 46.8208, 60.7946

Trichromacy



Original Color

42.9441, 46.7285, 59.5794

Protanomaly

44.2575, 46.5100, 58.2745

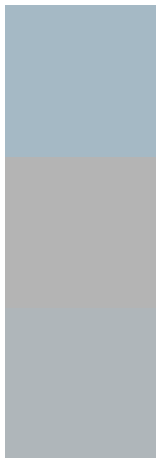
Deuteranomaly

45.8057, 46.6648, 60.0191

Tritanomaly

43.0591, 46.7745, 60.1850

Monochromacy



Original Color

42.9441, 46.7285, 59.5794

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.2701, 46.1150, 53.0749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9441, 46.7285, 59.5794 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(165, 185, 197)` looks like.

```
.text, #text, p{  
    color:rgb(165, 185, 197)  
}
```

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(165, 185, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 185, 197) }
```

Border

The CSS property to change the border of an element to XYZ 42.9441, 46.7285, 59.5794 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(165, 185, 197) }
```


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

```
.border{ border-color:rgb(165, 185, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 185, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 185, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 185, 197);  
box-shadow:4px 4px 4px 4px rgb(165, 185,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9441, 46.7285, 59.5794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 185, 197) }
```

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

```
.background{ background-color: rgb(165,  
185, 197) }
```

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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