

Converting Colors

XYZ(42.3116, 46.7830, 58.6256)

Have a look what the booklet for
XYZ(42.3116, 46.7830, 58.6256)
contains.

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Color

**XYZ(42.3095, 46.7393,
58.4214)**

Conversions

Conversions Part 1

Format	Color
Hex	A2BAC3
RGB	162, 186, 195
RGB Percent	64%, 73%, 76%
CMY	0.3647, 0.2706, 0.2353
CMYK	0.17, 0.05, 0.00, 0.24
HSL	196°, 22%, 70%
HSV	196°, 17%, 76%
XYZ	42.3095, 46.7393, 58.4214
YIQ	179.8500, -17.1930, -2.2890

Conversions

Conversions Part 2

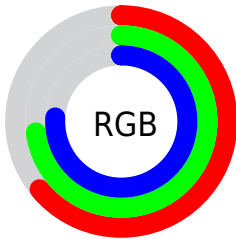
Format	Color
R_{YB}	162, 176, 195
Decimal	10664643
CIE _{Lab}	74.02, -6.26, -7.31
CIE _{LCh}	74, 9.620, 229.420
Yxy	46.7393, 0.2869, 0.3169
Android (android.graphics.Color)	4288854723 (0xFFA2BAC3)
YUV	179.8500, 7.4690, -15.6544
Hunter-Lab	68.3661, -9.1731, -2.8092

Details

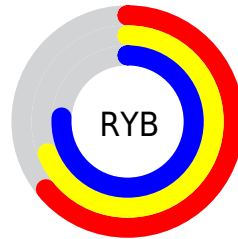
The XYZ color **42.3095, 46.7393, 58.4214** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.5905, 43.3365, 40.2506**, and the grayscale version is **43.2709, 45.5243, 49.5760**.

A 20% lighter version of the original color is **77.9381, 85.2843, 104.4492**, and **19.6257, 22.0131, 28.4139** is the 20% darker color. If you saturate the color by 10%, you get **37.5524, 42.6561, 57.8847**, and if you desaturate by 10%, it is **47.7253, 51.2264, 59.0028**.

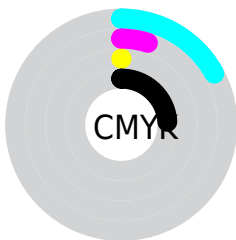
Distribution



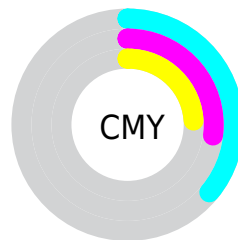
- Red (64%)
- Green (73%)
- Blue (76%)



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



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3095, 46.7393, 58.4214 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 42.3095, 46.7393, 58.4214 by changing the saturation by 10% instead.

■ 42.3095, 46.7393,
58.4214

■ 42.3095, 46.7393,
58.4214

346.7342,
373.7730, 436.3964

■ 29.5359, 32.8296,
41.7306

■ 77.9301, 85.3243,
104.0571

■ 19.6329, 21.9959,
28.5664

■ 101.5077,
110.7685, 133.8391

■ 12.2352, 13.8539,
18.5103

129.4174,
140.8263, 168.8218

■ 6.9774, 8.0191,
11.1438

162.0245,
175.8820, 209.4239

■ 3.4942, 4.1072,
6.0482

199.6944,
216.3202, 256.0638

■ 1.4202, 1.7337,
2.8052

242.7924,

■ 0.2705, 0.4453,

262.5251, 309.1602

0.9960

291.6839,
314.8812, 369.1315

■ 0.0000, 0.0000,
0.0000

■ 42.3095, 46.7393,
58.4214

■ 42.3095, 46.7393,
58.4214

■ 37.5524, 42.6561,
57.8847

■ 47.7253, 51.2264,
59.0028

■ 33.4213, 38.9556,
57.3882

■ 53.8225, 56.1260,
59.6272

■ 29.8865, 35.6231,
56.9313

■ 60.6277, 61.4539,
60.2969

■ 26.9145, 32.6405,
56.5122

■ 68.1650, 67.2229,
61.0131

■ 24.4681, 29.9881,
56.1292

■ 74.7811, 72.5815,
61.6988

■ 22.5054, 27.6435,
55.7801

■ 76.1371, 75.2934,
62.1507

■ 20.9776, 25.5807,
55.4625

■ 77.5373, 78.0938,
62.6175

■ 19.8187, 23.7652,
55.1731

■ 78.9821, 80.9834,
63.0991

■ 19.4988, 23.2368,
55.0880

■ 80.4719, 83.9631,
63.5957

Harmonies

Analogous

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



41.3806, 46.7393, 54.1026



42.3095, 46.7393, 58.4214



43.8204, 46.7393, 60.7709

Triad

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



42.3095, 46.7393, 58.4214



47.7519, 46.7393, 52.6484



43.3348, 46.7393, 42.4786

Complementary

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



42.3095, 46.7393, 58.4214



43.5905, 43.3365, 40.2506

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.



45.0337, 46.7393, 42.1448



42.3095, 46.7393, 58.4214



47.6137, 46.7393, 47.8094

Square

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



42.3095, 46.7393, 58.4214



46.9812, 46.7393, 57.2980



46.6084, 46.7393, 44.0375



41.9619, 46.7393, 44.9806

Rectangle

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



42.3095, 46.7393, 58.4214



44.9673, 46.7393, 60.8083



46.6084, 46.7393, 44.0375



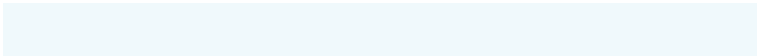
43.8857, 46.7393, 42.1155

Sweetspot

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



42.3109, 46.7412, 58.4224



87.3970, 93.3085, 105.8738



41.7479, 49.6451, 45.8112



18.9745, 20.3001, 23.1682



0.0000, 0.0000, 0.0000



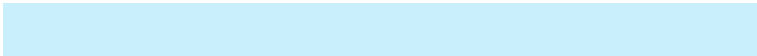
20.3446, 21.4041, 23.3091

Same Dimension

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



42.3109, 46.7412, 58.4224



72.7624, 81.1558, 104.2994



39.0700, 40.2595, 57.3422



10.1288, 10.9489, 12.8643



12.7458, 15.2482, 35.8280



0.6056, 0.7685, 1.5663

Inverse Universe

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



44.2900, 40.9889, 52.0339



76.9525, 69.2152, 90.7207



46.8621, 49.8796, 41.3411



10.3763, 10.1991, 12.0722



17.8295, 8.8215, 17.5459



0.7980, 0.3922, 0.9039

Previews

White Background



This preview shows how the XYZ color 42.3095, 46.7393, 58.4214 looks on a white background.

Color Contrast Check

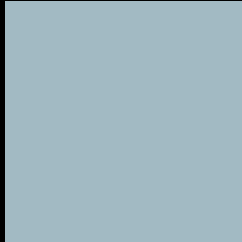
Large Text (above 18pt) WCAG AA × Fail

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 42.3095, 46.7393, 58.4214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

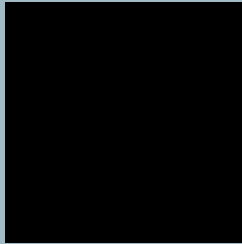
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

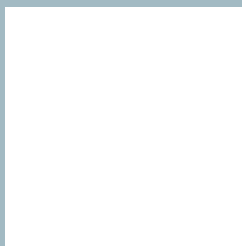
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3095, 46.7393, 58.4214

Background



This preview shows how black text looks on a background with the XYZ color 42.3095, 46.7393, 58.4214.



This preview shows how white text looks on a background with the XYZ color 42.3095, 46.7393,

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

42.3095, 46.7393, 58.4214

Protanopia

45.3297, 46.7986, 56.5131

Deuteranopia

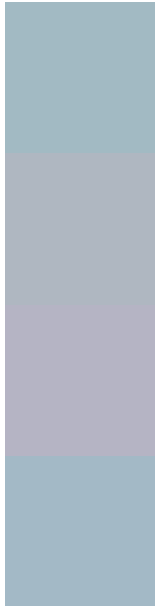
47.5384, 46.6820, 59.3283



Tritanopia

42.8785, 46.6546, 61.3889

Trichromacy



Original Color

42.3095, 46.7393, 58.4214

Protanomaly

44.2383, 46.8312, 57.1598

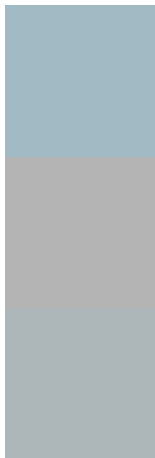
Deuteranomaly

45.3411, 46.4518, 58.8009

Tritanomaly

42.6463, 46.5617, 60.1657

Monochromacy



Original Color

42.3095, 46.7393, 58.4214

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.7185, 45.8429, 52.4960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3095, 46.7393, 58.4214 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(162, 186, 195) looks like.

```
.text, #text, p{  
    color:rgb(162, 186, 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(162, 186, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 186, 195) }
```

Border

The CSS property to change the border of an element to XYZ 42.3095, 46.7393, 58.4214 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(162, 186, 195) }
```


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

```
.border{ border-color:rgb(162, 186, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 186, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 186, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 186, 195);  
box-shadow:4px 4px 4px 4px rgb(162, 186,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3095, 46.7393, 58.4214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 186, 195) }
```

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

```
.background{ background-color: rgb(162,  
186, 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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