

Converting Colors

XYZ(42.2844, 46.4407, 57.1874)

Have a look what the booklet for
XYZ(42.2844, 46.4407, 57.1874)
contains.

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Color

**XYZ(42.2844, 46.4407,
57.1874)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B9C1
RGB	164, 185, 193
RGB Percent	64%, 73%, 76%
CMY	0.3569, 0.2745, 0.2431
CMYK	0.15, 0.04, 0.00, 0.24
HSL	197°, 19%, 70%
HSV	197°, 15%, 76%
XYZ	42.2844, 46.4407, 57.1874
YIQ	179.6330, -15.0840, -1.9640

Conversions

Conversions Part 2

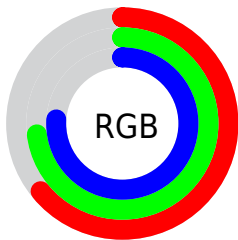
Format	Color
RYB	164, 176, 193
Decimal	10795457
CIELab	73.83, -5.51, -6.48
CIELCh	74, 8.507, 229.672
Yxy	46.4407, 0.2898, 0.3183
Android (android.graphics.Color)	4288985537 (0xFFA4B9C1)
YUV	179.6330, 6.5899, -13.7101
Hunter-Lab	68.1474, -8.5015, -2.0513

Details

The XYZ color **42.2844, 46.4407, 57.1874** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4459, 43.5226, 41.2335**, and the grayscale version is **43.1584, 45.4060, 49.4472**.

A 20% lighter version of the original color is **77.7676, 84.8102, 101.8938**, and **19.6670, 21.8407, 27.9901** is the 20% darker color. If you saturate the color by 10%, you get **37.5074, 42.3571, 56.6517**, and if you desaturate by 10%, it is **47.7103, 50.9231, 57.7674**.

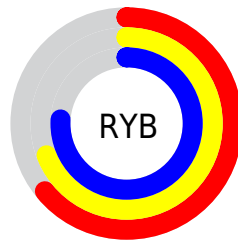
Distribution



Red (64%)

Green (73%)

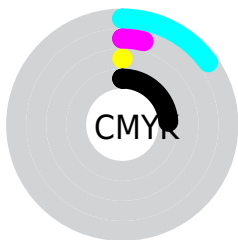
Blue (76%)



Red (64%)

Yellow (69%)

Blue (76%)

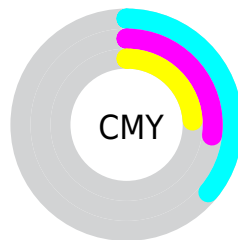


Cyan (15%)

Magenta (4%)

Yellow (0%)

Black (24%)



Cyan (36%)

Magenta (27%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2844, 46.4407, 57.1874 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 42.2844, 46.4407, 57.1874 by changing the saturation by 10% instead.

■ 42.2844, 46.4407,
57.1874

■ 42.2844, 46.4407,
57.1874

346.6321,
372.5776, 431.6645

■ 29.5161, 32.5937,
40.7454

■ 77.8923, 84.8782,
102.2416

■ 19.6179, 21.8154,
27.8020

■ 101.4627,
110.2374, 131.6909

■ 12.2242, 13.7213,
17.9387

129.3645,
140.2029, 166.3130

■ 6.9698, 7.9271,
10.7370

161.9631,
175.1591, 206.5264

■ 3.4894, 4.0483,
5.7783

199.6238,
215.4902, 252.7497

■ 1.4175, 1.7006,
2.6442

242.7119,

■ 0.2687, 0.4241,

261.5807, 305.4015

0.9151

291.5929,
313.8151, 364.9003

■ 0.0000, 0.0000,
0.0000

■ 42.2844, 46.4407,
57.1874

■ 42.2844, 46.4407,
57.1874

■ 37.5074, 42.3571,
56.6517

■ 47.7103, 50.9231,
57.7674

■ 33.3475, 38.6517,
56.1557

■ 53.8069, 55.8126,
58.3898

■ 29.7765, 35.3104,
55.6990

■ 60.5999, 61.1242,
59.0570

■ 26.7622, 32.3159,
55.2799

■ 68.1124, 66.8707,
59.7702

■ 24.2689, 29.6492,
54.8966

■ 74.3133, 72.0054,
60.4345

■ 22.2569, 27.2890,
54.5471

■ 75.6627, 74.7041,
60.8843

■ 20.6800, 25.2108,
54.2290

■ 77.0563, 77.4914,
61.3488

■ 19.4824, 23.3851,
53.9398

■ 78.4946, 80.3679,
61.8283

■ 18.9714, 22.5416,
53.8039

■ 79.9779, 83.3345,
62.3227

Harmonies

Analogous

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



41.4574, 46.4407, 53.4229



42.2844, 46.4407, 57.1874



43.6210, 46.4407, 59.2136

Triad

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



42.2844, 46.4407, 57.1874



47.0649, 46.4407, 52.0745



43.1684, 46.4407, 43.1193

Complementary

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



42.2844, 46.4407, 57.1874



43.4459, 43.5226, 41.2335

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.



44.6641, 46.4407, 42.8042



42.2844, 46.4407, 57.1874



46.9370, 46.4407, 47.8128

Square

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



42.2844, 46.4407, 57.1874



46.3957, 46.4407, 56.1520



46.0501, 46.4407, 44.4766



41.9596, 46.4407, 45.3634

Rectangle

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



42.2844, 46.4407, 57.1874



44.6311, 46.4407, 59.2321



46.0501, 46.4407, 44.4766



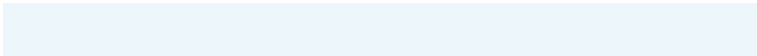
43.6535, 46.4407, 42.7894

Sweetspot

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



42.2858, 46.4426, 57.1884



85.3942, 91.1584, 103.4549



41.8013, 49.0015, 46.1514



18.1640, 19.4296, 22.1782



92.9021, 97.7402, 106.4391



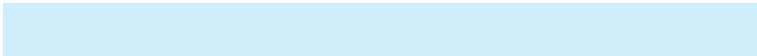
19.4759, 20.4902, 22.3138

Same Dimension

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



42.2858, 46.4426, 57.1884



72.8217, 80.7190, 102.1025



39.4551, 40.7813, 56.2449



10.1261, 10.9435, 12.8634



12.6878, 15.1320, 35.8087



0.6034, 0.7643, 1.5656

Inverse Universe

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



44.0258, 41.3921, 51.5703



76.5588, 70.0724, 89.9910



46.3020, 49.2348, 42.1856



10.3750, 10.1986, 12.0651



17.8002, 8.8098, 17.3916



0.7970, 0.3918, 0.8982

Previews

White Background



This preview shows how the XYZ color 42.2844, 46.4407, 57.1874 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 42.2844, 46.4407, 57.1874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

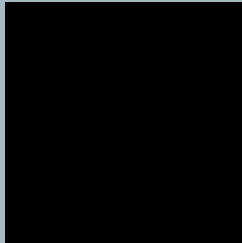
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

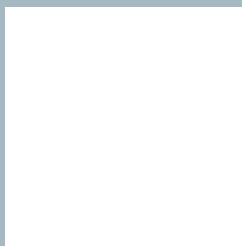
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.2844, 46.4407, 57.1874

Background



This preview shows how black text looks on a background with the XYZ color 42.2844, 46.4407, 57.1874.



This preview shows how white text looks on a background with the XYZ color 42.2844, 46.4407,

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

42.2844, 46.4407, 57.1874

Protanopia

44.9069, 46.3053, 55.2862

Deuteranopia

47.1139, 46.1973, 58.0636



Tritanopia

42.9663, 46.4038, 60.7251

Trichromacy



Original Color

42.2844, 46.4407, 57.1874

Protanomaly

43.8111, 46.3314, 55.9240

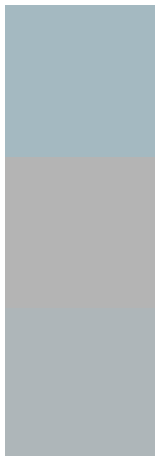
Deuteranomaly

45.1491, 46.0803, 57.5537

Tritanomaly

42.7356, 46.3115, 59.5099

Monochromacy



Original Color

42.2844, 46.4407, 57.1874

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.9405, 45.9574, 52.5064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2844, 46.4407, 57.1874 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(164, 185, 193)` looks like.

```
.text, #text, p{  
    color:rgb(164, 185, 193)  
}
```

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(164, 185, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 185, 193) }
```

Border

The CSS property to change the border of an element to XYZ 42.2844, 46.4407, 57.1874 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(164, 185, 193) }
```


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

```
.border{ border-color:rgb(164, 185, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 185, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 185, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 185, 193);  
box-shadow:4px 4px 4px 4px rgb(164, 185,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2844, 46.4407, 57.1874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 185, 193) }
```

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

```
.background{ background-color: rgb(164,  
185, 193) }
```

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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