

Converting Colors

XYZ(46.2899, 50.7544, 58.3964)

Have a look what the booklet for
XYZ(46.2899, 50.7544, 58.3964)
contains.

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Color

**XYZ(46.2664, 50.7083,
58.3881)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC0C2
RGB	175, 192, 194
RGB Percent	69%, 75%, 76%
CMY	0.3137, 0.2470, 0.2392
CMYK	0.10, 0.01, 0.00, 0.24
HSL	186°, 13%, 72%
HSV	186°, 10%, 76%
XYZ	46.2664, 50.7083, 58.3881
YIQ	187.1450, -10.7740, -2.9820

Conversions

Conversions Part 2

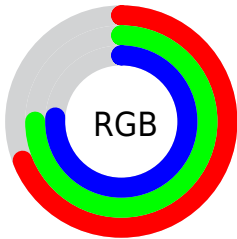
Format	Color
RYB	175, 184, 194
Decimal	11518146
CIELab	76.50, -5.40, -3.00
CIELCh	77, 6.174, 209.079
Yxy	50.7083, 0.2978, 0.3264
Android (android.graphics.Color)	4289708226 (0xFFAFC0C2)
YUV	187.1450, 3.3795, -10.6512
Hunter-Lab	71.2098, -8.6421, 1.2323

Details

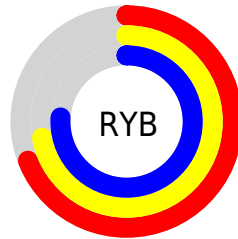
The XYZ color **46.2664, 50.7083, 58.3881** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.7083, 46.0083, 47.0295**, and the grayscale version is **47.3030, 49.7664, 54.1956**.

A 20% lighter version of the original color is **83.7777, 91.0259, 103.5967**, and **21.9923, 24.4963, 28.3801** is the 20% darker color. If you saturate the color by 10%, you get **41.7770, 47.7352, 58.0517**, and if you desaturate by 10%, it is **51.3905, 54.0205, 58.7581**.

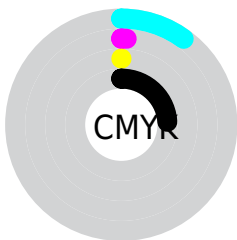
Distribution



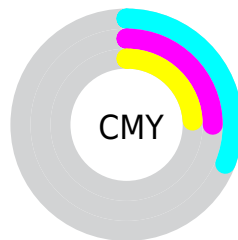
- Red (69%)
- Green (75%)
- Blue (76%)



- Red (69%)
- Yellow (72%)
- Blue (76%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2664, 50.7083, 58.3881 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 46.2664, 50.7083, 58.3881 by changing the saturation by 10% instead.

■ 46.2664, 50.7083,
58.3881

■ 46.2664, 50.7083,
58.3881

362.5766,
389.4294, 436.2691

■ 32.6616, 35.9765,
41.7040

■ 83.8430, 91.2234,
104.0082

■ 22.0253, 24.4161,
28.5457

108.5455,
117.7756, 133.7812

■ 13.9922, 15.6425,
18.4948

137.6779,
149.0367, 168.7542

■ 8.1969, 9.2716,
11.1327

171.6056,
185.3910, 209.3459

■ 4.2741, 4.9187,
6.0409

210.6940,
227.2231, 255.9746

■ 1.8583, 2.1997,
2.8008

255.3084,

■ 0.5524, 0.7198,

274.9172, 309.0591

0.9938

305.8142,
328.8579, 369.0177

■ 0.0000, 0.0000,
0.0000

■ 46.2664, 50.7083,
58.3881

■ 46.2664, 50.7083,
58.3881

■ 41.7770, 47.7352,
58.0517

■ 51.3905, 54.0205,
58.7581

■ 37.8913, 45.0812,
57.7442

■ 57.1699, 57.6784,
59.1596

■ 34.5824, 42.7337,
57.4654

■ 63.6298, 61.6964,
59.5946

■ 31.8194, 40.6767,
57.2140

■ 70.7924, 66.0859,
60.0644

■ 29.5687, 38.8928,
56.9883

■ 72.1451, 67.4897,
60.2641

■ 27.7928, 37.3627,
56.7866

■ 72.6273, 68.4542,
60.4248

■ 26.4491, 36.0645,
56.6068

■ 73.1158, 69.4313,
60.5877

■ 25.4873, 34.9720,
56.4467

■ 73.6108, 70.4212,
60.7526

■ 24.8120, 34.0362,
56.3016

■ 74.1121, 71.4238,
60.9198

Harmonies

Analogous

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



45.9926, 50.7083, 55.1098



46.2664, 50.7083, 58.3881



47.0554, 50.7083, 60.8982

Triad

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



46.2664, 50.7083, 58.3881



50.1430, 50.7083, 58.5735



48.2327, 50.7083, 49.0465

Complementary

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



46.2664, 50.7083, 58.3881



45.7083, 46.0083, 47.0295

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.



49.3564, 50.7083, 49.8926



46.2664, 50.7083, 58.3881



50.4702, 50.7083, 55.3158

Square

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



46.2664, 50.7083, 58.3881



49.2931, 50.7083, 61.0082



50.1800, 50.7083, 52.1546



47.1167, 50.7083, 49.7964

Rectangle

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



46.2664, 50.7083, 58.3881



47.7738, 50.7083, 61.7510



50.1800, 50.7083, 52.1546



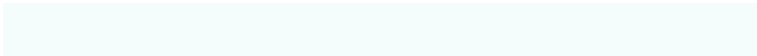
48.6221, 50.7083, 49.1531

Sweetspot

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



46.2679, 50.7104, 58.3892



89.9571, 95.8508, 106.2296



44.8976, 50.8687, 48.9957



19.5310, 20.8817, 23.2511



0.0000, 0.0000, 0.0000



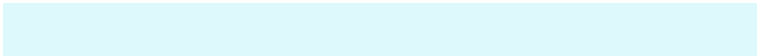
20.3446, 21.4041, 23.3091

Same Dimension

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



46.2679, 50.7104, 58.3892



81.7721, 90.5271, 105.6334



44.2686, 46.7120, 57.7228



10.2752, 11.2417, 12.9131



16.3400, 22.4365, 37.0261



0.7325, 1.0224, 1.6086

Inverse Universe

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



47.0936, 45.9359, 56.2562



83.6112, 79.9612, 100.8676



47.6300, 49.8519, 47.6701



10.4502, 10.2287, 12.4613



19.6436, 9.5472, 27.0992



0.8621, 0.4179, 1.2413

Previews

White Background



This preview shows how the XYZ color 46.2664, 50.7083, 58.3881 looks on a white background.

Color Contrast Check

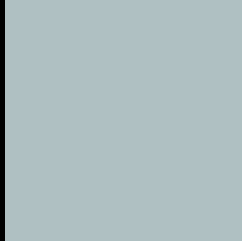
Large Text (above 18pt) WCAG AA × Fail

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 46.2664, 50.7083, 58.3881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

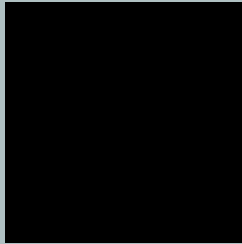
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

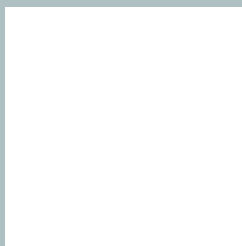
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.2664, 50.7083, 58.3881

Background



This preview shows how black text looks on a background with the XYZ color 46.2664, 50.7083, 58.3881.



This preview shows how white text looks on a background with the XYZ color 46.2664, 50.7083,

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

46.2664, 50.7083, 58.3881

Protanopia

48.6602, 50.3786, 56.4496

Deuteranopia

51.5259, 50.5490, 59.2658



Tritanopia

47.5644, 50.5818, 65.0140

Trichromacy



Original Color

46.2664, 50.7083, 58.3881

Protanomaly

47.7196, 50.5153, 57.1045

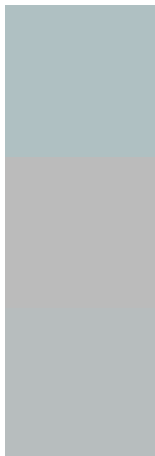
Deuteranomaly

49.4016, 50.3954, 58.7533

Tritanomaly

47.0779, 50.7088, 62.5648

Monochromacy



Original Color

46.2664, 50.7083, 58.3881

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.0203, 50.1802, 55.9227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2664, 50.7083, 58.3881 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(175, 192, 194)` looks like.

```
.text, #text, p{  
    color:rgb(175, 192, 194)  
}
```

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(175, 192, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 192, 194) }
```

Border

The CSS property to change the border of an element to XYZ 46.2664, 50.7083, 58.3881 is called "border". The border property can be set on classes, ids or directly on the HTML element.

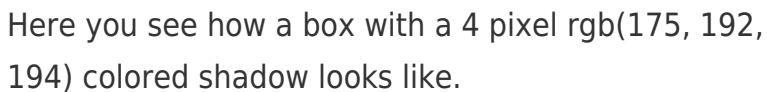
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 192, 194) }
```


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

```
.border{ border-color:rgb(175, 192, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 192, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 192, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 192, 194); box-shadow:4px 4px 4px 4px rgb(175, 192, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2664, 50.7083, 58.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 192, 194) }
```

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

```
.background{ background-color: rgb(175,  
192, 194) }
```

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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