

Converting Colors

XYZ(47.1192, 50.8145, 64.8873)

Have a look what the booklet for
XYZ(47.1192, 50.8145, 64.8873)
contains.

XYZ(47.1058, 50.6681, 65.0548)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.1058, 50.6681,
65.0548)**

Conversions

Conversions Part 1

Format	Color
Hex	AEBFCD
RGB	174, 191, 205
RGB Percent	68%, 75%, 80%
CMY	0.3176, 0.2510, 0.1961
CMYK	0.15, 0.07, 0.00, 0.20
HSL	207°, 24%, 74%
HSV	207°, 15%, 80%
XYZ	47.1058, 50.6681, 65.0548
YIQ	187.5130, -14.6260, 0.7500

Conversions

Conversions Part 2

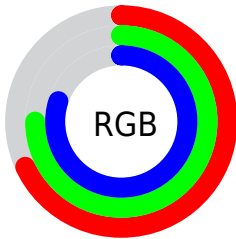
Format	Color
RYB	174, 185, 205
Decimal	11452365
CIELab	76.48, -2.93, -9.01
CIELCh	76, 9.469, 252.001
Yxy	50.6681, 0.2893, 0.3112
Android (android.graphics.Color)	4289642445 (0xFFAEBFCD)
YUV	187.5130, 8.6211, -11.8509
Hunter-Lab	71.1815, -6.4417, -4.3597

Details

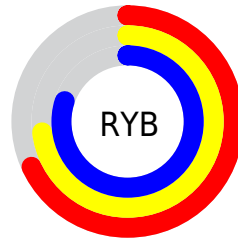
The XYZ color **47.1058, 50.6681, 65.0548** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8003, 52.0013, 47.4051**, and the grayscale version is **47.4838, 49.9567, 54.4028**.

A 20% lighter version of the original color is **83.9439, 90.5645, 107.6641**, and **22.5596, 24.4763, 32.8135** is the 20% darker color. If you saturate the color by 10%, you get **40.9278, 44.5818, 64.2065**, and if you desaturate by 10%, it is **54.1115, 57.3731, 65.9806**.

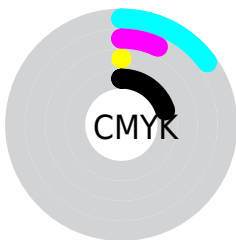
Distribution



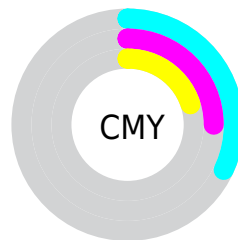
- Red (68%)
- Green (75%)
- Blue (80%)



- Red (68%)
- Yellow (73%)
- Blue (80%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (32%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1058, 50.6681, 65.0548 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 47.1058, 50.6681, 65.0548 by changing the saturation by 10% instead.

■ 47.1058, 50.6681,
65.0548

■ 47.1058, 50.6681,
65.0548

365.8785,
389.2729, 461.3005

■ 33.3276, 35.9445,
47.0539

■ 85.0893, 91.1640,
113.7427

■ 22.5380, 24.3914,
32.7236

110.0253,
117.7051, 145.2667

■ 14.3715, 15.6242,
21.6454

139.4113,
148.9542, 182.1355

■ 8.4629, 9.2586,
13.4008

173.6127,
185.2956, 224.7677

■ 4.4469, 4.9103,
7.5711

212.9947,
227.1138, 273.5817

■ 1.9579, 2.1947,
3.7380

257.9228,

■ 0.6102, 0.7171,

274.7932, 328.9962

1.4827

308.7623,
328.7181, 391.4296

■ 0.0000, 0.0000,
0.2050

■ 0.0000, 0.0000,
0.0000

■ 47.1058, 50.6681,
65.0548

■ 47.1058, 50.6681,
65.0548

■ 40.9278, 44.5818,
64.2065

■ 54.1115, 57.3731,
65.9806

■ 35.5390, 39.0871,
63.4299

■ 61.9720, 64.7102,
66.9825

■ 30.9047, 34.1637,
62.7238

■ 70.7190, 72.7003,
68.0637

■ 26.9855, 29.7876,
62.0857

■ 80.0111, 81.1708,
69.2089

■ 23.7382, 25.9327,
61.5128

■ 82.6266, 86.4018,
70.0808

■ 21.1141, 22.5701,
61.0021

■ 85.3805, 91.9096,
70.9987

■ 19.0575, 19.6670,
60.5501

■ 88.0196, 97.1878,
71.8784

■ 17.5007, 17.1843,
60.1529

■ 16.8623, 16.0932,
59.9760

Harmonies

Analogous

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



45.6529, 50.6681, 62.0108



47.1058, 50.6681, 65.0548



48.8757, 50.6681, 65.3523

Triad

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



47.1058, 50.6681, 65.0548



51.5941, 50.6681, 53.1503



45.8983, 50.6681, 48.1824

Complementary

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



47.1058, 50.6681, 65.0548



50.8003, 52.0013, 47.4051

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.



47.4484, 50.6681, 46.1025



47.1058, 50.6681, 65.0548



50.7542, 50.6681, 48.8499

Square

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



47.1058, 50.6681, 65.0548



51.4968, 50.6681, 58.2621



49.2268, 50.6681, 46.3390



44.9677, 50.6681, 52.1872

Rectangle

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



47.1058, 50.6681, 65.0548



50.0002, 50.6681, 63.9311



49.2268, 50.6681, 46.3390



46.3626, 50.6681, 47.2464

Sweetspot

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



47.1073, 50.6702, 65.0559



88.7047, 94.0433, 108.0847



48.3595, 56.2909, 55.8660



18.8018, 19.9545, 23.1106



0.0000, 0.0000, 0.0000



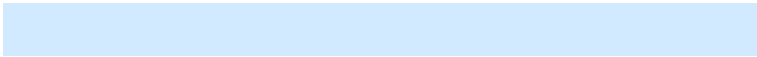
20.3446, 21.4041, 23.3091

Same Dimension

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



47.1073, 50.6702, 65.0559



73.8740, 79.7923, 106.1156



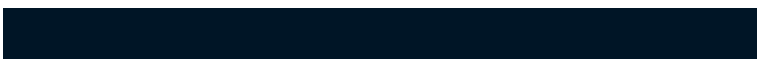
43.9131, 44.2819, 63.9912



11.1032, 11.8468, 14.2718



10.5934, 10.2108, 37.3688



0.6217, 0.6771, 1.9529

Inverse Universe

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



49.7180, 47.0139, 55.7469



78.9559, 72.8664, 87.9525



54.2800, 58.9607, 48.5650



11.4654, 11.3149, 12.9856



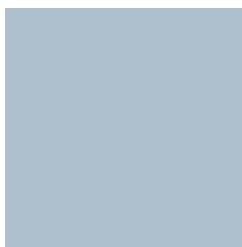
17.5580, 8.8338, 10.6569



0.9437, 0.4709, 0.7496

Previews

White Background



This preview shows how the XYZ color 47.1058, 50.6681, 65.0548 looks on a white background.

Color Contrast Check

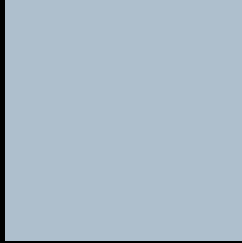
Large Text (above 18pt) WCAG AA × Fail

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 47.1058, 50.6681, 65.0548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

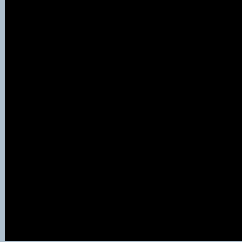
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

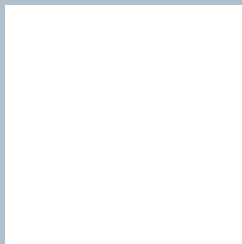
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.1058, 50.6681, 65.0548

Background



This preview shows how black text looks on a background with the XYZ color 47.1058, 50.6681, 65.0548.



This preview shows how white text looks on a background with the XYZ color 47.1058, 50.6681,

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

47.1058, 50.6681, 65.0548

Protanopia

49.2889, 50.5438, 63.6580

Deuteranopia

51.4847, 50.3777, 66.0418



Tritanopia

47.2269, 50.7165, 65.6927

Trichromacy



Original Color

47.1058, 50.6681, 65.0548

Protanomaly

48.4107, 50.3934, 64.3021

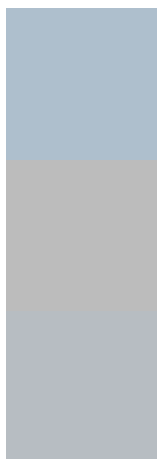
Deuteranomaly

49.6857, 50.3929, 65.5006

Tritanomaly

47.2269, 50.7165, 65.6927

Monochromacy



Original Color

47.1058, 50.6681, 65.0548

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.4636, 50.3575, 58.2573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1058, 50.6681, 65.0548 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(174, 191, 205)` looks like.

```
.text, #text, p{  
    color:rgb(174, 191, 205)  
}
```

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(174, 191, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 191, 205) }
```

Border

The CSS property to change the border of an element to XYZ 47.1058, 50.6681, 65.0548 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(174, 191, 205) }
```


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

```
.border{ border-color:rgb(174, 191, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 191, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 191, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 191, 205);  
box-shadow:4px 4px 4px 4px rgb(174, 191,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1058, 50.6681, 65.0548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 191, 205) }
```

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

```
.background{ background-color: rgb(174,  
191, 205) }
```

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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