

Converting Colors

XYZ(45.3323, 47.7106, 57.1630)

Have a look what the booklet for
XYZ(45.3323, 47.7106, 57.1630)
contains.

XYZ(45.3565, 47.7149, 57.2714)	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(45.3565, 47.7149,
57.2714)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B8C1
RGB	179, 184, 193
RGB Percent	70%, 72%, 76%
CMY	0.2980, 0.2784, 0.2431
CMYK	0.07, 0.05, 0.00, 0.24
HSL	219°, 10%, 73%
HSV	219°, 7%, 76%
XYZ	45.3565, 47.7149, 57.2714
YIQ	183.5310, -5.8690, 1.7390

Conversions

Conversions Part 2

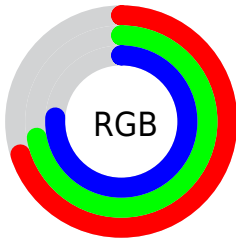
Format	Color
RYB	179, 183, 193
Decimal	11778241
CIELab	74.64, 0.01, -5.16
CIELCh	75, 5.160, 270.157
Yxy	47.7149, 0.3017, 0.3174
Android (android.graphics.Color)	4289968321 (0xFFB3B8C1)
YUV	183.5310, 4.6682, -3.9737
Hunter-Lab	69.0760, -3.6767, -0.8046

Details

The XYZ color **45.3565, 47.7149, 57.2714** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1124, 50.5581, 49.8715**, and the grayscale version is **45.2800, 47.6381, 51.8778**.

A 20% lighter version of the original color is **82.5199, 86.8219, 102.0316**, and **21.4541, 22.5617, 28.0350** is the 20% darker color. If you saturate the color by 10%, you get **38.7400, 40.6465, 56.2565**, and if you desaturate by 10%, it is **52.8260, 55.5611, 58.3929**.

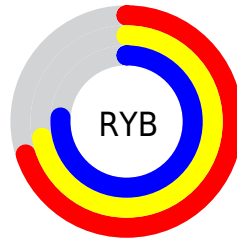
Distribution



Red (70%)

Green (72%)

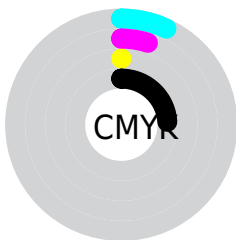
Blue (76%)



Red (70%)

Yellow (72%)

Blue (76%)

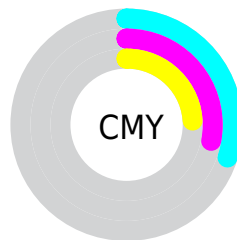


Cyan (7%)

Magenta (5%)

Yellow (0%)

Black (24%)



Cyan (30%)

Magenta (28%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3565, 47.7149, 57.2714 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 45.3565, 47.7149, 57.2714 by changing the saturation by 10% instead.

■ 45.3565, 47.7149,
57.2714

■ 45.3565, 47.7149,
57.2714

358.9749,
377.6609, 431.9877

■ 31.9408, 33.6012,
40.8124

■ 82.4889, 86.7798,
102.3654

■ 21.4716, 22.5874,
27.8539

106.9363,
112.4997, 131.8374

■ 13.5836, 14.2891,
17.9775

135.7916,
142.8571, 166.4841

■ 7.9114, 8.3220,
10.7645

169.4203,
178.2365, 206.7241

■ 4.0896, 4.3017,
5.7966

208.1876,
219.0222, 252.9759

■ 1.7530, 1.8437,
2.6550

252.4589,

■ 0.4891, 0.5142,

265.5985, 305.6581

0.9206

302.5995,
318.3500, 365.1892

■ 0.0000, 0.0000,
0.0000

■ 45.3565, 47.7149,
57.2714

■ 45.3565, 47.7149,
57.2714

■ 38.7400, 40.6465,
56.2565

■ 52.8260, 55.5611,
58.3929

■ 32.9409, 34.3249,
55.3420

■ 61.1743, 64.2026,
59.6209

■ 27.9269, 28.7261,
54.5256

■ 70.4311, 73.6640,
60.9592

■ 23.6620, 23.8219,
53.8038

■ 80.1798, 83.7384,
62.3900

■ 20.1072, 19.5827,
53.1729

■ 83.8279, 91.0345,
63.6060

■ 17.2197, 15.9760,
52.6289

■ 86.6258, 96.6303,
64.5386

■ 14.9516, 12.9664,
52.1675

■ 13.2479, 10.5140,
51.7839

■ 12.0338, 8.5678,
51.4723

Harmonies

Analogous

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



44.4633, 47.7149, 56.5463



45.3565, 47.7149, 57.2714



46.2603, 47.7149, 56.5314

Triad

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



45.3565, 47.7149, 57.2714



46.9231, 47.7149, 49.4108



43.8107, 47.7149, 49.4344

Complementary

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



45.3565, 47.7149, 57.2714



48.1124, 50.5581, 49.8715

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.



44.4548, 47.7149, 47.6295



45.3565, 47.7149, 57.2714



46.2517, 47.7149, 47.6163

Square

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



45.3565, 47.7149, 57.2714



47.1723, 47.7149, 51.9393



45.3467, 47.7149, 46.9753



43.5783, 47.7149, 51.9675

Rectangle

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



45.3565, 47.7149, 57.2714



46.7453, 47.7149, 55.3208



45.3467, 47.7149, 46.9753



43.9859, 47.7149, 48.7256

Sweetspot

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



45.3579, 47.7169, 57.2725



88.0271, 92.6216, 103.5985



46.7239, 51.3495, 54.9512



18.9142, 19.9014, 22.2298



92.9021, 97.7402, 106.4391



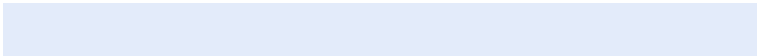
19.4759, 20.4902, 22.3138

Same Dimension

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



45.3579, 47.7169, 57.2725



78.8836, 82.9657, 102.2167



44.7713, 45.8989, 56.9525



9.8163, 10.3239, 12.7602



7.8855, 5.5276, 34.2079



0.4062, 0.3699, 1.4999

Inverse Universe

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



46.7652, 47.0393, 51.9644



82.0295, 81.4917, 90.3416



48.7268, 52.4890, 50.2118



10.2186, 10.1360, 11.2415



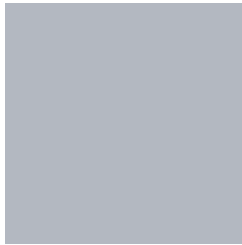
15.3762, 7.8402, 4.6273



0.6974, 0.3520, 0.3741

Previews

White Background



This preview shows how the XYZ color 45.3565, 47.7149, 57.2714 looks on a white background.

Color Contrast Check

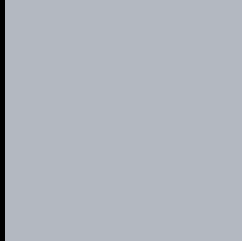
Large Text (above 18pt) WCAG AA × Fail

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 45.3565, 47.7149, 57.2714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

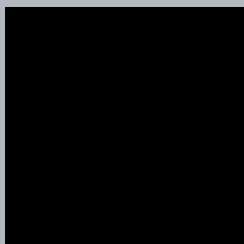
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

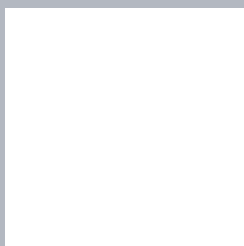
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.3565, 47.7149, 57.2714

Background



This preview shows how black text looks on a background with the XYZ color 45.3565, 47.7149, 57.2714.

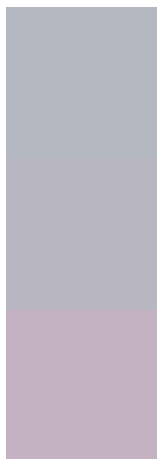


This preview shows how white text looks on a background with the XYZ color 45.3565, 47.7149,

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

45.3565, 47.7149, 57.2714

Protanopia

46.0095, 47.4520, 56.6034

Deuteranopia

48.4229, 47.4716, 57.6497



Tritanopia

45.9489, 47.6475, 60.2012

Trichromacy



Original Color

45.3565, 47.7149, 57.2714

Protanomaly

45.7393, 47.6178, 56.6496

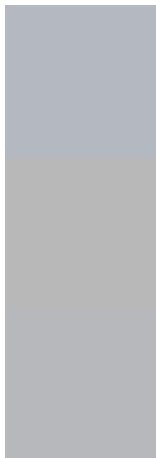
Deuteranomaly

47.2941, 47.4847, 57.7117

Tritanomaly

45.7197, 47.5558, 58.9941

Monochromacy



Original Color

45.3565, 47.7149, 57.2714

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.4015, 47.8139, 53.8498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3565, 47.7149, 57.2714 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(179, 184, 193) looks like.

```
.text, #text, p{  
    color:rgb(179, 184, 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(179, 184, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 184, 193) }
```

Border

The CSS property to change the border of an element to XYZ 45.3565, 47.7149, 57.2714 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(179, 184, 193) }
```


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

```
.border{ border-color:rgb(179, 184, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 184, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 184, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 184, 193);  
box-shadow:4px 4px 4px 4px rgb(179, 184,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3565, 47.7149, 57.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 184, 193) }
```

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

```
.background{ background-color: rgb(179,  
184, 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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