

Converting Colors

XYZ(47.1686, 50.3107, 57.6899)

Have a look what the booklet for
XYZ(47.1686, 50.3107, 57.6899)
contains.

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Color

**XYZ(47.1146, 50.1905,
57.6566)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BDC1
RGB	182, 189, 193
RGB Percent	71%, 74%, 76%
CMY	0.2863, 0.2588, 0.2431
CMYK	0.06, 0.02, 0.00, 0.24
HSL	202°, 8%, 74%
HSV	202°, 6%, 76%
XYZ	47.1146, 50.1905, 57.6566
YIQ	187.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

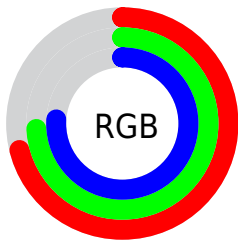
Format	Color
R _Y B	182, 186, 193
Decimal	11976129
CIE Lab	76.19, -1.64, -2.86
CIE LCh	76, 3.303, 240.130
Yxy	50.1905, 0.3040, 0.3239
Android (android.graphics.Color)	4290166209 (0xFFB6BDC1)
YUV	187.3630, 2.7790, -4.7034
Hunter-Lab	70.8453, -5.2704, 1.3392

Details

The XYZ color **47.1146, 50.1905, 57.6566** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9948, 49.8322, 51.3457**, and the grayscale version is **47.4272, 49.8971, 54.3380**.

A 20% lighter version of the original color is **85.0112, 90.3215, 102.5758**, and **22.5910, 24.1689, 28.2853** is the 20% darker color. If you saturate the color by 10%, you get **41.3951, 45.0577, 56.9681**, and if you desaturate by 10%, it is **53.5381, 55.7973, 58.4010**.

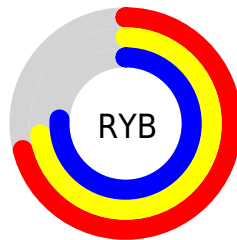
Distribution



Red (71%)

Green (74%)

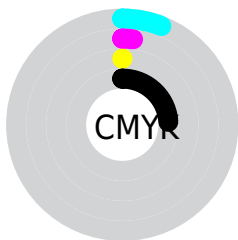
Blue (76%)



Red (71%)

Yellow (73%)

Blue (76%)

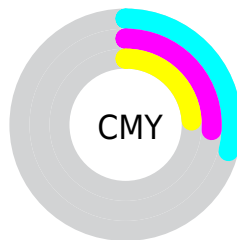


Cyan (6%)

Magenta (2%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (26%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1146, 50.1905, 57.6566 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 47.1146, 50.1905, 57.6566 by changing the saturation by 10% instead.

■ 47.1146, 50.1905,
57.6566

■ 47.1146, 50.1905,
57.6566

365.9131,
387.4104, 433.4676

■ 33.3346, 35.5648,
41.1198

■ 85.1024, 90.4571,
102.9325

■ 22.5433, 24.0983,
28.0923

110.0408,
116.8667, 132.5085

■ 14.3755, 15.4065,
18.1556

139.4295,
147.9731, 167.2681

■ 8.4657, 9.1052,
10.8911

173.6337,
184.1607, 207.6298

■ 4.4487, 4.8099,
5.8804

213.0188,
225.8138, 254.0120

■ 1.9590, 2.1361,
2.7049

257.9501,

■ 0.6108, 0.6848,

273.3169, 306.8334

0.9459

308.7931,
327.0543, 366.5124

■ 0.0000, 0.0000,
0.0000

■ 47.1146, 50.1905,
57.6566

■ 47.1146, 50.1905,
57.6566

■ 41.3951, 45.0577,
56.9681

■ 53.5381, 55.7973,
58.4010

■ 36.3488, 40.3774,
56.3307

■ 60.6865, 61.8861,
59.1995

■ 31.9489, 36.1355,
55.7438

■ 68.5848, 68.4728,
60.0546

■ 28.1647, 32.3147,
55.2058

■ 75.6931, 74.7649,
60.8945

■ 24.9634, 28.8965,
54.7147

■ 77.5400, 78.4587,
61.5101

■ 22.3084, 25.8603,
54.2686

■ 79.4646, 82.3079,
62.1516

■ 20.1590, 23.1833,
53.8652

■ 81.4679, 86.3145,
62.8194

■ 18.4678, 20.8396,
53.5019

■ 83.5508, 90.4803,
63.5137

■ 17.1762, 18.7970,
53.1757

■ 85.7140, 94.8068,
64.2348

Harmonies

Analogous

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



46.6831, 50.1905, 56.3769



47.1146, 50.1905, 57.6566



47.7073, 50.1905, 58.1269

Triad

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



47.1146, 50.1905, 57.6566



48.9040, 50.1905, 54.6412



47.1100, 50.1905, 51.7552

Complementary

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



47.1146, 50.1905, 57.6566



47.9948, 49.8322, 51.3457

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.



47.7019, 50.1905, 51.3126



47.1146, 50.1905, 57.6566



48.7408, 50.1905, 52.9567

Square

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



47.1146, 50.1905, 57.6566



48.7435, 50.1905, 56.3632



48.2994, 50.1905, 51.7477



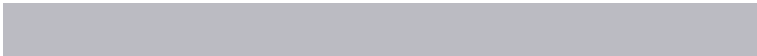
46.6805, 50.1905, 52.9698

Rectangle

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



47.1146, 50.1905, 57.6566



48.1151, 50.1905, 57.9103



48.2994, 50.1905, 51.7477



47.2964, 50.1905, 51.5124

Sweetspot

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



47.1160, 50.1926, 57.6577



88.4549, 93.4771, 103.7411



47.2091, 51.6246, 53.8479



19.0014, 20.0758, 22.2588



92.9021, 97.7402, 106.4391



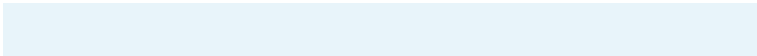
19.4759, 20.4902, 22.3138

Same Dimension

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



47.1160, 50.1926, 57.6577



82.8642, 88.5470, 103.0842



45.9857, 47.9319, 57.2809



10.2972, 11.0126, 12.8678



11.1807, 12.1180, 35.3063



0.5467, 0.6508, 1.5467

Inverse Universe

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



47.9067, 48.4684, 54.9770



84.6197, 84.7521, 97.1240



49.1438, 52.1301, 51.7287



10.5279, 10.5150, 12.0840



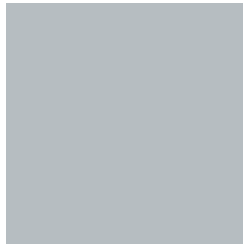
17.0395, 8.5056, 13.3859



0.7683, 0.3803, 0.7475

Previews

White Background



This preview shows how the XYZ color 47.1146, 50.1905, 57.6566 looks on a white background.

Color Contrast Check

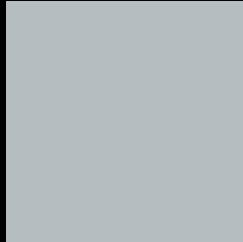
Large Text (above 18pt) WCAG AA × Fail

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 47.1146, 50.1905, 57.6566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

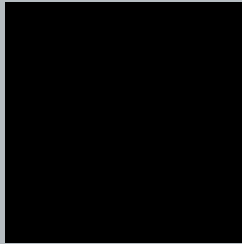
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1146, 50.1905, 57.6566

Background



This preview shows how black text looks on a background with the XYZ color 47.1146, 50.1905, 57.6566.



This preview shows how white text looks on a background with the XYZ color 47.1146, 50.1905,

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

47.1146, 50.1905, 57.6566

Protanopia

48.5200, 50.2936, 57.0195

Deuteranopia

51.0942, 50.0474, 58.0061



Tritanopia

48.4111, 50.4211, 63.0578

Trichromacy



Original Color

47.1146, 50.1905, 57.6566

Protanomaly

47.9912, 50.3370, 57.0558

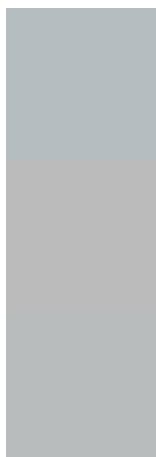
Deuteranomaly

49.5922, 50.1951, 58.1138

Tritanomaly

47.8205, 50.1572, 61.1937

Monochromacy



Original Color

47.1146, 50.1905, 57.6566

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.1761, 49.9549, 55.2999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1146, 50.1905, 57.6566 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(182, 189, 193) looks like.

```
.text, #text, p{  
    color:rgb(182, 189, 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(182, 189, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 189, 193) }
```

Border

The CSS property to change the border of an element to XYZ 47.1146, 50.1905, 57.6566 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(182, 189, 193) }
```


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

```
.border{ border-color:rgb(182, 189, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 189, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 189, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 189, 193);  
box-shadow:4px 4px 4px 4px rgb(182, 189,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1146, 50.1905, 57.6566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 189, 193) }
```

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

```
.background{ background-color: rgb(182,  
189, 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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