

Converting Colors

XYZ(46.2219, 48.7961, 59.4427)

Have a look what the booklet for
XYZ(46.2219, 48.7961, 59.4427)
contains.

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Color

**XYZ(46.1131, 48.6870,
59.1917)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BAC4
RGB	179, 186, 196
RGB Percent	70%, 73%, 77%
CMY	0.2980, 0.2706, 0.2314
CMYK	0.09, 0.05, 0.00, 0.23
HSL	215°, 13%, 74%
HSV	215°, 9%, 77%
XYZ	46.1131, 48.6870, 59.1917
YIQ	185.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

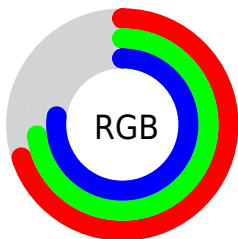
Format	Color
RYB	179, 184, 196
Decimal	11778756
CIELab	75.26, -0.46, -5.89
CIELCh	75, 5.909, 265.527
Yxy	48.6870, 0.2995, 0.3162
Android (android.graphics.Color)	4289968836 (0xFFB3BAC4)
YUV	185.0470, 5.3998, -5.3032
Hunter-Lab	69.7761, -4.1423, -1.4530

Details

The XYZ color **46.1131, 48.6870, 59.1917** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0995, 51.3853, 49.9792**, and the grayscale version is **46.1152, 48.5168, 52.8348**.

A 20% lighter version of the original color is **83.7427, 88.2583, 105.5503**, and **21.8742, 23.1637, 28.9093** is the 20% darker color. If you saturate the color by 10%, you get **39.5703, 41.8547, 58.2185**, and if you desaturate by 10%, it is **53.4985, 56.2472, 60.2625**.

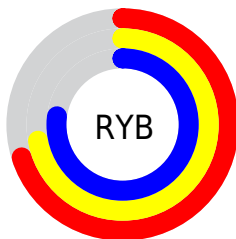
Distribution



Red (70%)

Green (73%)

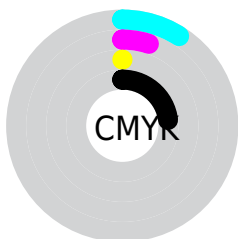
Blue (77%)



Red (70%)

Yellow (72%)

Blue (77%)

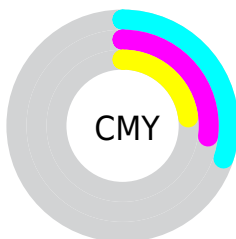


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (23%)



Cyan (30%)

Magenta (27%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1131, 48.6870, 59.1917 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 46.1131, 48.6870, 59.1917 by changing the saturation by 10% instead.

■ 46.1131, 48.6870,
59.1917

■ 46.1131, 48.6870,
59.1917

361.9715,
381.5088, 439.3336

■ 32.5401, 34.3713,
42.3464

■ 83.6151, 88.2264,
105.1881

■ 21.9319, 23.1790,
29.0451

108.2747,
114.2188, 135.1763

■ 13.9232, 14.7257,
18.8690

137.3606,
144.8723, 170.3825

■ 8.1486, 8.6271,
11.3998

171.2382,
180.5712, 211.2254

■ 4.2428, 4.4988,
6.2189

210.2726,
221.6999, 258.1234

■ 1.8404, 1.9563,
2.9077

254.8295,

■ 0.5418, 0.5819,

268.6428, 311.4951

1.0477

305.2740,
321.7843, 371.7590

■ 0.0000, 0.0000,
0.0000

■ 46.1131, 48.6870,
59.1917

■ 46.1131, 48.6870,
59.1917

■ 39.5703, 41.8547,
58.2185

■ 53.4985, 56.2472,
60.2625

■ 33.8343, 35.7209,
57.3369

■ 61.7522, 64.5510,
61.4302

■ 28.8728, 30.2633,
56.5450

■ 70.9040, 73.6216,
62.6987

■ 24.6495, 25.4559,
55.8397

■ 80.0915, 83.0206,
64.0287

■ 21.1252, 21.2706,
55.2176

■ 83.4453, 89.7282,
65.1466

■ 18.2565, 17.6771,
54.6752

■ 86.9640, 96.7656,
66.3195

■ 15.9948, 14.6420,
54.2085

■ 14.2836, 12.1271,
53.8133

■ 13.0340, 10.0773,
53.4835

Harmonies

Analogous

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



45.1052, 48.6870, 58.0894



46.1131, 48.6870, 59.1917



47.1800, 48.6870, 58.5859

Triad

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



46.1131, 48.6870, 59.1917



48.1829, 48.6870, 50.4796



44.5776, 48.6870, 49.7028

Complementary

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



46.1131, 48.6870, 59.1917



49.0995, 51.3853, 49.9792

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.



45.3827, 48.6870, 47.8031



46.1131, 48.6870, 59.1917



47.4659, 48.6870, 48.2392

Square

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



46.1131, 48.6870, 59.1917



48.3858, 48.6870, 53.4790



46.4383, 48.6870, 47.2779



44.2275, 48.6870, 52.5475

Rectangle

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



46.1131, 48.6870, 59.1917



47.7796, 48.6870, 57.3069



46.4383, 48.6870, 47.2779



44.8033, 48.6870, 48.9370

Sweetspot

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



46.1145, 48.6891, 59.1928



90.8729, 95.7410, 108.2981



47.5074, 52.7349, 55.7725



19.2168, 20.2534, 23.1464



0.0000, 0.0000, 0.0000



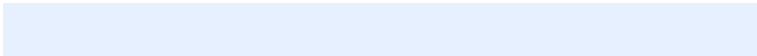
20.3446, 21.4041, 23.3091

Same Dimension

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



46.1145, 48.6891, 59.1928



81.6842, 86.2829, 106.9568



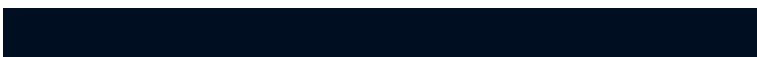
45.0043, 45.9800, 58.7284



9.8615, 10.4142, 12.7752



8.3607, 6.4778, 34.3663



0.4291, 0.4155, 1.5075

Inverse Universe

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



47.7491, 47.5221, 53.1127



85.1266, 83.8672, 94.1426



50.2756, 54.2820, 50.4763



10.2414, 10.1452, 11.3616



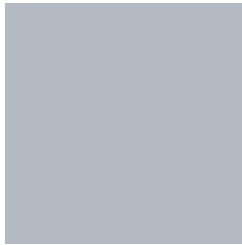
15.6161, 7.9362, 5.8902



0.7090, 0.3566, 0.4348

Previews

White Background



This preview shows how the XYZ color 46.1131, 48.6870, 59.1917 looks on a white background.

Color Contrast Check

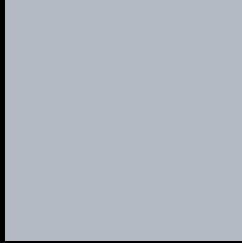
Large Text (above 18pt) WCAG AA × Fail

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 46.1131, 48.6870, 59.1917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

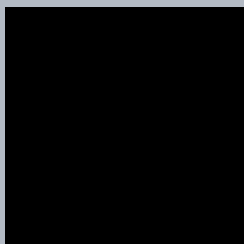
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.1131, 48.6870, 59.1917

Background



This preview shows how black text looks on a background with the XYZ color 46.1131, 48.6870, 59.1917.



This preview shows how white text looks on a background with the XYZ color 46.1131, 48.6870,

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

46.1131, 48.6870, 59.1917

Protanopia

47.2405, 48.6602, 58.5323

Deuteranopia

49.6880, 48.6795, 59.6006



Tritanopia

46.5967, 48.5714, 61.5629

Trichromacy



Original Color

46.1131, 48.6870, 59.1917

Protanomaly

46.7277, 48.7053, 58.5680

Deuteranomaly

48.2919, 48.5635, 59.6518

Tritanomaly

46.4802, 48.5247, 60.9493

Monochromacy



Original Color

46.1131, 48.6870, 59.1917

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.0627, 48.4393, 55.0661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1131, 48.6870, 59.1917 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, 186, 196) looks like.

```
.text, #text, p{  
    color:rgb(179, 186, 196)  
}
```

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, 186, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 186, 196) }
```

Border

The CSS property to change the border of an element to XYZ 46.1131, 48.6870, 59.1917 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, 186, 196) }
```


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

```
.border{ border-color:rgb(179, 186, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 186, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 186, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 186, 196);  
box-shadow:4px 4px 4px 4px rgb(179, 186,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1131, 48.6870, 59.1917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 186, 196) }
```

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

```
.background{ background-color: rgb(179,  
186, 196) }
```

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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