

Converting Colors

XYZ(46.5657, 50.9720, 59.8319)

Have a look what the booklet for
XYZ(46.5657, 50.9720, 59.8319)
contains.

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Color

**XYZ(46.4926, 50.7988,
59.5793)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC0C4
RGB	175, 192, 196
RGB Percent	69%, 75%, 77%
CMY	0.3137, 0.2470, 0.2314
CMYK	0.11, 0.02, 0.00, 0.23
HSL	191°, 15%, 73%
HSV	191°, 11%, 77%
XYZ	46.4926, 50.7988, 59.5793
YIQ	187.3730, -11.4160, -2.3600

Conversions

Conversions Part 2

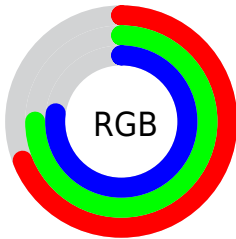
Format	Color
RYB	175, 184, 196
Decimal	11518148
CIELab	76.56, -4.99, -4.00
CIElCh	77, 6.400, 218.724
Yxy	50.7988, 0.2964, 0.3238
Android (android.graphics.Color)	4289708228 (0xFFAFC0C4)
YUV	187.3730, 4.2531, -10.8511
Hunter-Lab	71.2733, -8.2901, 0.3291

Details

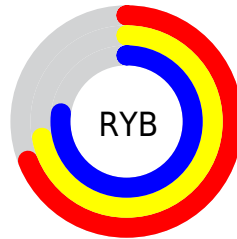
The XYZ color **46.4926, 50.7988, 59.5793** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6230, 47.0706, 47.1864**, and the grayscale version is **47.4272, 49.8971, 54.3380**.

A 20% lighter version of the original color is **84.2520, 91.2156, 106.0943**, and **22.1411, 24.5558, 29.1640** is the 20% darker color. If you saturate the color by 10%, you get **41.6005, 47.0775, 59.1197**, and if you desaturate by 10%, it is **52.0470, 54.8950, 60.0780**.

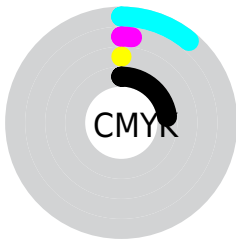
Distribution



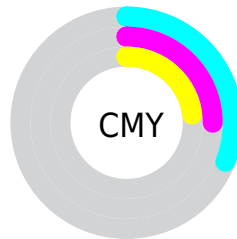
- Red (69%)
- Green (75%)
- Blue (77%)



- Red (69%)
- Yellow (72%)
- Blue (77%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (31%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.4926, 50.7988, 59.5793 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 46.4926, 50.7988, 59.5793 by changing the saturation by 10% instead.

■ 46.4926, 50.7988,
59.5793

■ 46.4926, 50.7988,
59.5793

363.4684,
389.7816, 440.8069

■ 32.8410, 36.0485,
42.6566

■ 84.1791, 91.3573,
105.7565

■ 22.1633, 24.4717,
29.2863

108.9447,
117.9343, 135.8481

■ 14.0942, 15.6839,
19.0501

138.1456,
149.2223, 171.1664

■ 8.2684, 9.3007,
11.5293

172.1473,
185.6057, 212.1298

■ 4.3204, 4.9379,
6.3054

211.3151,
227.4690, 259.1571

■ 1.8849, 2.2108,
2.9599

256.0143,

■ 0.5681, 0.7259,

275.1965, 312.6667

1.0742

306.6102,
329.1725, 373.0771

■ 0.0000, 0.0000,
0.0000

■ 46.4926, 50.7988,
59.5793

■ 46.4926, 50.7988,
59.5793

■ 41.6005, 47.0775,
59.1197

■ 52.0470, 54.8950,
60.0780

■ 37.3386, 43.7104,
58.6944

■ 58.2851, 59.3734,
60.6136

■ 33.6790, 40.6841,
58.3031

■ 65.2328, 64.2489,
61.1885

■ 30.5897, 37.9820,
57.9444

■ 72.9134, 69.5337,
61.8038

■ 28.0358, 35.5858,
57.6165

■ 74.4130, 71.6638,
62.1359

■ 25.9781, 33.4751,
57.3175

■ 75.3487, 73.5350,
62.4477

■ 24.3724, 31.6268,
57.0454

■ 76.3059, 75.4495,
62.7668

■ 23.1658, 30.0134,
56.7976

■ 77.2849, 77.4075,
63.0932

■ 22.3100, 28.6777,
56.5849

■ 78.2859, 79.4094,
63.4268

Harmonies

Analogous

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



46.0223, 50.7988, 56.3267



46.4926, 50.7988, 59.5793



47.4445, 50.7988, 61.7467

Triad

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



46.4926, 50.7988, 59.5793



50.4804, 50.7988, 57.7612



47.9312, 50.7988, 48.9912

Complementary

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



46.4926, 50.7988, 59.5793



46.6230, 47.0706, 47.1864

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.



49.1308, 50.7988, 49.3393



46.4926, 50.7988, 59.5793



50.6160, 50.7988, 54.3081

Square

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



46.4926, 50.7988, 59.5793



49.7509, 50.7988, 60.6669



50.1182, 50.7988, 51.2521



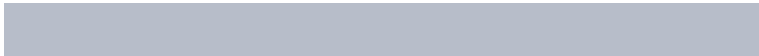
46.8438, 50.7988, 50.2805

Rectangle

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



46.4926, 50.7988, 59.5793



48.2310, 50.7988, 62.2342



50.1182, 50.7988, 51.2521



48.3345, 50.7988, 48.9217

Sweetspot

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



46.4941, 50.8009, 59.5804



91.8286, 97.6524, 108.6167



45.5414, 51.8432, 50.1755



19.4750, 20.7697, 23.2325



0.0000, 0.0000, 0.0000



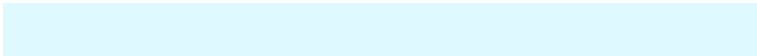
20.3446, 21.4041, 23.3091

Same Dimension

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



46.4941, 50.8009, 59.5804



81.9084, 90.2862, 107.7177



44.3001, 46.4130, 58.8491



10.2004, 11.0920, 12.8882



14.3946, 18.5458, 36.3776



0.6649, 0.8872, 1.5861

Inverse Universe

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



47.6105, 46.2024, 56.2804



84.3721, 80.2432, 100.4113



48.7766, 51.3777, 47.9042



10.4124, 10.2136, 12.2624



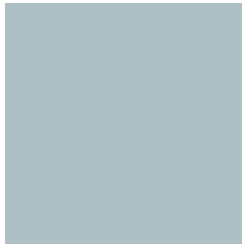
18.6617, 9.1544, 21.9284



0.8280, 0.4042, 1.0616

Previews

White Background



This preview shows how the XYZ color 46.4926, 50.7988, 59.5793 looks on a white background.

Color Contrast Check

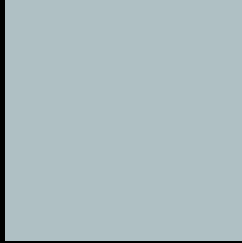
Large Text (above 18pt) WCAG AA × Fail

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 46.4926, 50.7988, 59.5793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

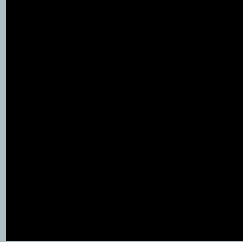
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

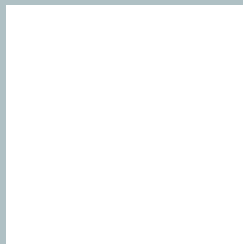
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.4926, 50.7988, 59.5793

Background



This preview shows how black text looks on a background with the XYZ color 46.4926, 50.7988, 59.5793.



This preview shows how white text looks on a background with the XYZ color 46.4926, 50.7988, 59.5793.

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

46.4926, 50.7988, 59.5793

Protanopia

49.0947, 50.8931, 57.6879

Deuteranopia

51.7551, 50.6407, 60.4729



Tritanopia

47.6855, 50.6303, 65.6518

Trichromacy



Original Color

46.4926, 50.7988, 59.5793

Protanomaly

47.9428, 50.6045, 58.2797

Deuteranomaly

49.6293, 50.4865, 59.9524

Tritanomaly

47.1960, 50.7560, 63.1865

Monochromacy



Original Color

46.4926, 50.7988, 59.5793

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 46.4926, 50.7988, 59.5793 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(175, 192, 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(175, 192, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 192, 196) }
```

Border

The CSS property to change the border of an element to XYZ 46.4926, 50.7988, 59.5793 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, 196) }
```


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

```
.border{ border-color:rgb(175, 192, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 192, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 192, 196);  
box-shadow:4px 4px 4px 4px rgb(175, 192,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4926, 50.7988, 59.5793 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, 196) }
```

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

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