

Converting Colors

XYZ(47.7559, 52.1644, 59.7558)

Have a look what the booklet for
XYZ(47.7559, 52.1644, 59.7558)
contains.

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Color

**XYZ(47.6157, 52.0341,
59.7585)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C2C4
RGB	178, 194, 196
RGB Percent	70%, 76%, 77%
CMY	0.3020, 0.2392, 0.2314
CMYK	0.09, 0.01, 0.00, 0.23
HSL	187°, 13%, 73%
HSV	187°, 9%, 77%
XYZ	47.6157, 52.0341, 59.7585
YIQ	189.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

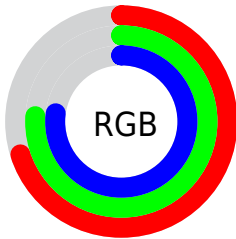
Format	Color
RYB	178, 186, 196
Decimal	11715268
CIELab	77.30, -5.05, -2.88
CIElCh	77, 5.819, 209.712
Yxy	52.0341, 0.2987, 0.3264
Android (android.graphics.Color)	4289905348 (0xFFB2C2C4)
YUV	189.4440, 3.2321, -10.0364
Hunter-Lab	72.1347, -8.4088, 1.3767

Details

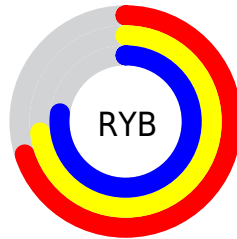
The XYZ color **47.6157, 52.0341, 59.7585** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1223, 47.5923, 48.8230**, and the grayscale version is **48.6115, 51.1431, 55.6948**.

A 20% lighter version of the original color is **85.8469, 92.9555, 106.3461**, and **22.7180, 25.0691, 29.2326** is the 20% darker color. If you saturate the color by 10%, you get **42.9559, 48.9201, 59.4038**, and if you desaturate by 10%, it is **52.9281, 55.4979, 60.1479**.

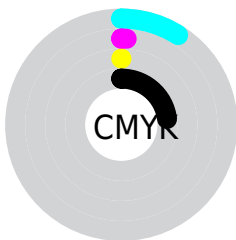
Distribution



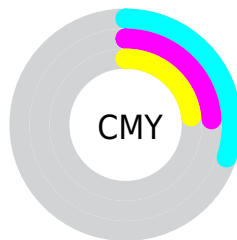
- Red (70%)
- Green (76%)
- Blue (77%)



- Red (70%)
- Yellow (73%)
- Blue (77%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)



- Cyan (30%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6157, 52.0341, 59.7585 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 47.6157, 52.0341, 59.7585 by changing the saturation by 10% instead.

■ 47.6157, 52.0341,
59.7585

■ 47.6157, 52.0341,
59.7585

367.8748,
394.5682, 441.4869

■ 33.7326, 37.0323,
42.8000

■ 85.8451, 93.1815,
106.0192

■ 22.8502, 25.2325,
29.3980

110.9222,
120.0959, 136.1585

■ 14.6030, 16.2503,
19.1339

140.4613,
151.7499, 171.5284

■ 8.6257, 9.7015,
11.5893

174.8278,
188.5279, 212.5475

■ 4.5530, 5.2015,
6.3456

214.3870,
230.8144, 259.6344

■ 2.0195, 2.3660,
2.9841

259.5044,

■ 0.6449, 0.8083,

278.9937, 313.2076

1.0865

310.5452,
333.4502, 373.6856

■ 0.0000, 0.0000,
0.0000

■ 47.6157, 52.0341,
59.7585

■ 47.6157, 52.0341,
59.7585

■ 42.9559, 48.9201,
59.4038

■ 52.9281, 55.4979,
60.1479

■ 38.9172, 46.1353,
59.0792

■ 58.9142, 59.3182,
60.5698

■ 35.4719, 43.6669,
58.7843

■ 65.5997, 63.5095,
61.0264

■ 32.5886, 41.4985,
58.5178

■ 72.4896, 67.8170,
61.4947

■ 30.2330, 39.6126,
58.2779

■ 73.0058, 68.8493,
61.6668

■ 28.3670, 37.9893,
58.0629

■ 73.5292, 69.8961,
61.8412

■ 26.9471, 36.6062,
57.8708

■ 74.0598, 70.9573,
62.0181

■ 25.9224, 35.4371,
57.6991

■ 74.5978, 72.0332,
62.1974

■ 25.2041, 34.4360,
57.5438

■ 75.1430, 73.1237,
62.3792

Harmonies

Analogous

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



47.3411, 52.0341, 56.6254



47.6157, 52.0341, 59.7585



48.3820, 52.0341, 62.1327

Triad

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



47.6157, 52.0341, 59.7585



51.3338, 52.0341, 59.8139



49.4676, 52.0341, 50.7280

Complementary

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



47.6157, 52.0341, 59.7585



47.1223, 47.5923, 48.8230

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.



50.5475, 52.0341, 51.5115



47.6157, 52.0341, 59.7585



51.6348, 52.0341, 56.6872

Square

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



47.6157, 52.0341, 59.7585



50.5285, 52.0341, 62.1655



51.3449, 52.0341, 53.6633



48.4005, 52.0341, 51.4825

Rectangle

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



47.6157, 52.0341, 59.7585



49.0745, 52.0341, 62.9233



51.3449, 52.0341, 53.6633



49.8412, 52.0341, 50.8198

Sweetspot

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



47.6172, 52.0363, 59.7597



92.0212, 98.0375, 108.6808



46.3187, 52.2328, 50.7148



19.5271, 20.8740, 23.2498



0.0000, 0.0000, 0.0000



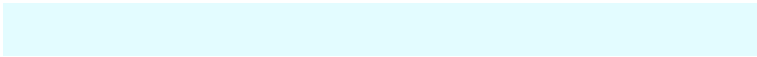
20.3446, 21.4041, 23.3091

Same Dimension

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



47.6172, 52.0363, 59.7597



84.4881, 93.0933, 108.1235



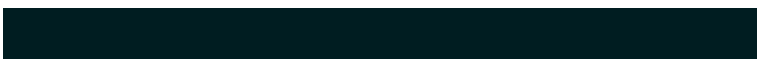
45.7156, 48.2331, 59.1258



10.2700, 11.2314, 12.9114



16.1987, 22.1540, 36.9790



0.7276, 1.0127, 1.6070

Inverse Universe

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



48.4241, 47.4726, 57.6524



86.2484, 83.1920, 103.5144



48.9563, 51.2602, 49.4343



10.4476, 10.2276, 12.4476



19.5723, 9.5187, 26.7237



0.8597, 0.4169, 1.2284

Previews

White Background



This preview shows how the XYZ color 47.6157, 52.0341, 59.7585 looks on a white background.

Color Contrast Check

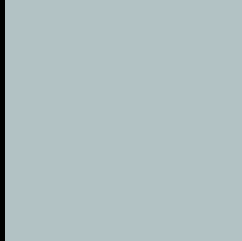
Large Text (above 18pt) WCAG AA × Fail

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 47.6157, 52.0341, 59.7585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

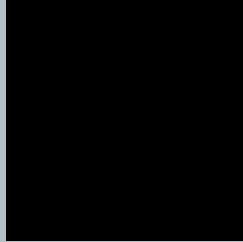
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

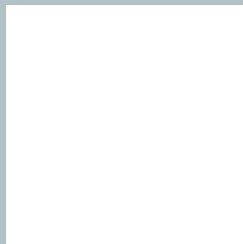
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.6157, 52.0341, 59.7585

Background



This preview shows how black text looks on a background with the XYZ color 47.6157, 52.0341, 59.7585.



This preview shows how white text looks on a background with the XYZ color 47.6157, 52.0341,

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

47.6157, 52.0341, 59.7585

Protanopia

50.0314, 52.0146, 57.8550

Deuteranopia

52.9956, 51.8970, 60.6500



Tritanopia

48.9345, 51.9076, 66.4715

Trichromacy



Original Color

47.6157, 52.0341, 59.7585

Protanomaly

49.1074, 51.8480, 58.4584

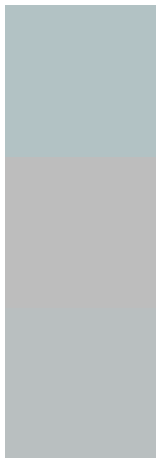
Deuteranomaly

50.8262, 51.7334, 60.1300

Tritanomaly

48.4399, 52.0354, 63.9907

Monochromacy



Original Color

47.6157, 52.0341, 59.7585

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.1528, 51.3817, 57.2489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6157, 52.0341, 59.7585 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(178, 194, 196)` looks like.

```
.text, #text, p{  
    color:rgb(178, 194, 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(178, 194, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 194, 196) }
```

Border

The CSS property to change the border of an element to XYZ 47.6157, 52.0341, 59.7585 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(178, 194, 196) }
```


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

```
.border{ border-color:rgb(178, 194, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 194, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 194, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 194, 196);  
box-shadow:4px 4px 4px 4px rgb(178, 194,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6157, 52.0341, 59.7585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 194, 196) }
```

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

```
.background{ background-color: rgb(178,  
194, 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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