

Converting Colors

XYZ(47.8534, 51.8009, 60.9025)

Have a look what the booklet for
XYZ(47.8534, 51.8009, 60.9025)
contains.

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Color

**XYZ(47.8534, 51.8009,
60.9025)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C1C6
RGB	179, 193, 198
RGB Percent	70%, 76%, 78%
CMY	0.2980, 0.2431, 0.2235
CMYK	0.10, 0.03, 0.00, 0.22
HSL	196°, 14%, 74%
HSV	196°, 10%, 78%
XYZ	47.8534, 51.8009, 60.9025
YIQ	189.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

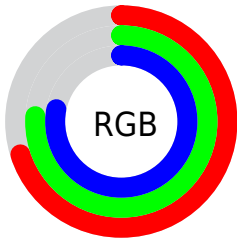
Format	Color
RYB	179, 187, 198
Decimal	11780550
CIELab	77.16, -3.79, -4.16
CIELCh	77, 5.631, 227.668
Yxy	51.8009, 0.2980, 0.3226
Android (android.graphics.Color)	4289970630 (0xFFB3C1C6)
YUV	189.3840, 4.2477, -9.1068
Hunter-Lab	71.9728, -7.2712, 0.2105

Details

The XYZ color **47.8534, 51.8009, 60.9025** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5660, 49.5409, 49.6513**, and the grayscale version is **48.5714, 51.1009, 55.6489**.

A 20% lighter version of the original color is **86.1866, 92.6335, 107.9453**, and **23.0163, 25.2054, 30.0376** is the 20% darker color. If you saturate the color by 10%, you get **42.4712, 47.3487, 60.3276**, and if you desaturate by 10%, it is **53.9363, 56.6773, 61.5239**.

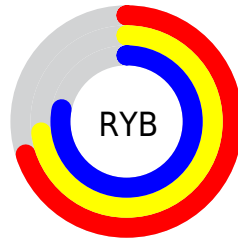
Distribution



Red (70%)

Green (76%)

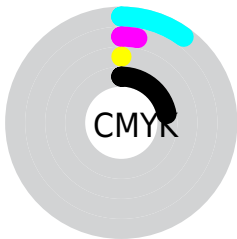
Blue (78%)



Red (70%)

Yellow (73%)

Blue (78%)

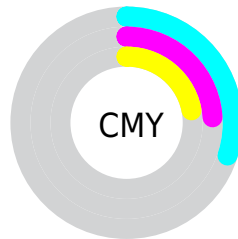


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (22%)



Cyan (30%)

Magenta (24%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8534, 51.8009, 60.9025 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 47.8534, 51.8009, 60.9025 by changing the saturation by 10% instead.

■ 47.8534, 51.8009,
60.9025

■ 47.8534, 51.8009,
60.9025

368.8030,
393.6675, 445.8131

■ 33.9216, 36.8464,
43.7164

■ 86.1971, 92.8375,
107.6939

■ 22.9960, 25.0886,
30.1121

111.3397,
119.6885, 138.1363

■ 14.7112, 16.1431,
19.6709

140.9499,
151.2737, 173.8346

■ 8.7019, 9.6254,
11.9744

175.3931,
187.9775, 215.2073

■ 4.6028, 5.1513,
6.6039

215.0347,
230.1845, 262.6730

■ 2.0485, 2.3363,
3.1410

260.2400,

■ 0.6610, 0.7928,

278.2788, 316.6501

1.1671

311.3743,
332.6450, 377.5573

■ 0.0000, 0.0000,
0.0000

■ 47.8534, 51.8009,
60.9025

■ 47.8534, 51.8009,
60.9025

■ 42.4712, 47.3487,
60.3276

■ 53.9363, 56.6773,
61.5239

■ 37.7568, 43.2989,
59.7944

■ 60.7420, 61.9857,
62.1899

■ 33.6815, 39.6375,
59.3025

■ 68.2971, 67.7418,
62.9027

■ 30.2127, 36.3471,
58.8502

■ 75.4377, 73.3462,
63.6081

■ 27.3144, 33.4085,
58.4357

■ 76.7754, 76.0217,
64.0540

■ 24.9471, 30.8007,
58.0572

■ 78.1556, 78.7821,
64.5141

■ 23.0655, 28.4996,
57.7122

■ 79.5787, 81.6283,
64.9885

■ 21.6165, 26.4772,
57.3982

■ 81.0451, 84.5610,
65.4773

■ 20.5035, 24.6831,
57.1105

■ 82.5550, 87.5810,
65.9806

Harmonies

Analogous

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



47.2878, 51.8009, 58.2220



47.8534, 51.8009, 60.9025



48.7941, 51.8009, 62.3986

Triad

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



47.8534, 51.8009, 60.9025



51.2866, 51.8009, 57.6789



48.6092, 51.8009, 50.9366

Complementary

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



47.8534, 51.8009, 60.9025



48.5660, 49.5409, 49.6513

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.



49.6789, 51.8009, 50.8032



47.8534, 51.8009, 60.9025



51.2354, 51.8009, 54.6210

Square

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



47.8534, 51.8009, 60.9025



50.7824, 51.8009, 60.4924



50.6434, 51.8009, 52.1296



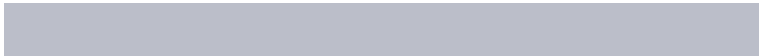
47.7197, 51.8009, 52.5010

Rectangle

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



47.8534, 51.8009, 60.9025



49.5121, 51.8009, 62.4883



50.6434, 51.8009, 52.1296



48.9593, 51.8009, 50.7250

Sweetspot

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



47.8549, 51.8031, 60.9036



91.6529, 97.3009, 108.5581



47.4108, 53.4229, 53.0237



19.4274, 20.6746, 23.2166



0.0000, 0.0000, 0.0000



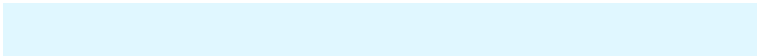
20.3446, 21.4041, 23.3091

Same Dimension

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



47.8549, 51.8031, 60.9036



82.1608, 89.6237, 107.5765



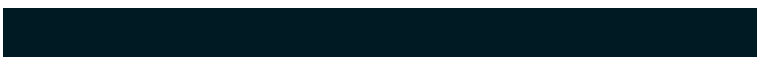
45.8728, 47.8390, 60.2430



10.7016, 11.5772, 13.5881



13.3790, 16.1518, 37.1568



0.6902, 0.8782, 1.7783

Inverse Universe

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



49.0356, 48.0972, 57.1539



84.7844, 81.4990, 99.2195



50.5515, 53.5118, 50.3131



10.9594, 10.7671, 12.7695



18.5524, 9.1705, 18.6507



0.9071, 0.4457, 1.0338

Previews

White Background



This preview shows how the XYZ color 47.8534, 51.8009, 60.9025 looks on a white background.

Color Contrast Check

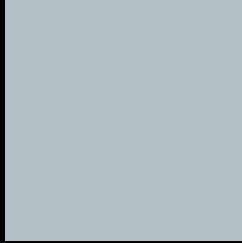
Large Text (above 18pt) WCAG AA × Fail

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 47.8534, 51.8009, 60.9025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

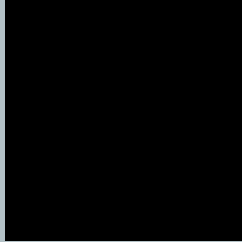
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

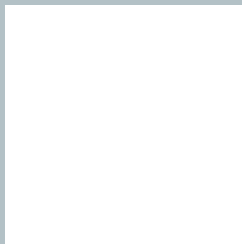
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.8534, 51.8009, 60.9025

Background



This preview shows how black text looks on a background with the XYZ color 47.8534, 51.8009, 60.9025.



This preview shows how white text looks on a background with the XYZ color 47.8534, 51.8009,

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

47.8534, 51.8009, 60.9025

Protanopia

49.8996, 51.5872, 59.5519

Deuteranopia

52.9511, 51.8472, 61.8603



Tritanopia

49.1682, 52.0280, 66.4825

Trichromacy



Original Color

47.8534, 51.8009, 60.9025

Protanomaly

48.9850, 51.4229, 60.1672

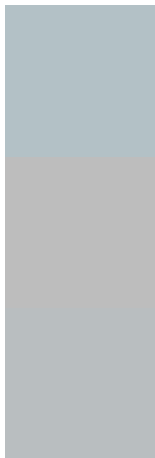
Deuteranomaly

51.0570, 51.8257, 61.3452

Tritanomaly

48.5711, 51.7622, 64.5579

Monochromacy



Original Color

47.8534, 51.8009, 60.9025

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.9355, 50.9470, 57.1765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8534, 51.8009, 60.9025 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, 193, 198) looks like.

```
.text, #text, p{  
    color:rgb(179, 193, 198)  
}
```

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, 193, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 193, 198) }
```

Border

The CSS property to change the border of an element to XYZ 47.8534, 51.8009, 60.9025 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, 193, 198) }
```


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

```
.border{ border-color:rgb(179, 193, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 193, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 193, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 193, 198);  
box-shadow:4px 4px 4px 4px rgb(179, 193,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8534, 51.8009, 60.9025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 193, 198) }
```

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

```
.background{ background-color: rgb(179,  
193, 198) }
```

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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