

Converting Colors

XYZ(47.5013, 51.9619, 60.3494)

Have a look what the booklet for
XYZ(47.5013, 51.9619, 60.3494)
contains.

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Color

**XYZ(47.5013, 51.9619,
60.3494)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C2C5
RGB	177, 194, 197
RGB Percent	69%, 76%, 77%
CMY	0.3059, 0.2392, 0.2274
CMYK	0.10, 0.02, 0.00, 0.23
HSL	189°, 15%, 73%
HSV	189°, 10%, 77%
XYZ	47.5013, 51.9619, 60.3494
YIQ	189.2590, -11.0950, -2.6710

Conversions

Conversions Part 2

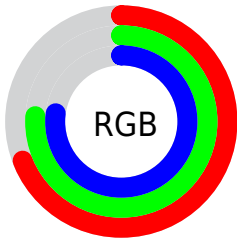
Format	Color
RYB	177, 186, 197
Decimal	11649733
CIELab	77.26, -5.19, -3.50
CIElCh	77, 6.254, 213.988
Yxy	51.9619, 0.2972, 0.3251
Android (android.graphics.Color)	4289839813 (0xFFB1C2C5)
YUV	189.2590, 3.8163, -10.7511
Hunter-Lab	72.0846, -8.5226, 0.8215

Details

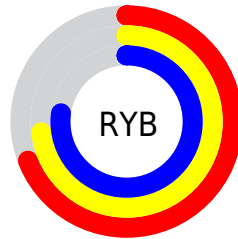
The XYZ color **47.5013, 51.9619, 60.3494** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2833, 47.6869, 48.3083**, and the grayscale version is **48.5026, 51.0285, 55.5701**.

A 20% lighter version of the original color is **85.6793, 92.8506, 107.1721**, and **22.6482, 25.0244, 29.6231** is the 20% darker color. If you saturate the color by 10%, you get **42.6839, 48.5141, 59.9386**, and if you desaturate by 10%, it is **52.9825, 55.7741, 60.7972**.

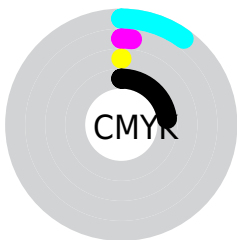
Distribution



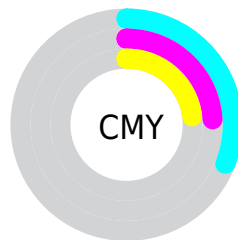
- Red (69%)
- Green (76%)
- Blue (77%)



- Red (69%)
- Yellow (73%)
- Blue (77%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (31%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5013, 51.9619, 60.3494 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 47.5013, 51.9619, 60.3494 by changing the saturation by 10% instead.

■ 47.5013, 51.9619,
60.3494

■ 47.5013, 51.9619,
60.3494

367.4276,
394.2895, 443.7248

■ 33.6417, 36.9747,
43.2732

■ 85.6756, 93.0750,
106.8847

■ 22.7801, 25.1879,
29.7665

110.7211,
119.9698, 137.1808

■ 14.5510, 16.2171,
19.4109

140.2259,
151.6025, 172.7207

■ 8.5891, 9.6779,
11.7877

174.5554,
188.3576, 213.9228

■ 4.5291, 5.1859,
6.4785

214.0750,
230.6194, 261.2058

■ 2.0056, 2.3568,
3.0647

259.1499,

■ 0.6371, 0.8035,

278.7724, 314.9880

1.1278

310.1457,
333.2010, 375.6882

■ 0.0000, 0.0000,
0.0000

■ 47.5013, 51.9619,
60.3494

■ 47.5013, 51.9619,
60.3494

■ 42.6839, 48.5141,
59.9386

■ 52.9825, 55.7741,
60.7972

■ 38.4982, 45.4098,
59.5600

■ 59.1492, 59.9578,
61.2797

■ 34.9159, 42.6357,
59.2134

■ 66.0273, 64.5278,
61.7993

■ 31.9050, 40.1752,
58.8972

■ 73.3445, 69.3439,
62.3432

■ 29.4302, 38.0101,
58.6097

■ 74.0611, 70.7771,
62.5821

■ 27.4525, 36.1200,
58.3491

■ 74.7911, 72.2371,
62.8254

■ 25.9274, 34.4819,
58.1133

■ 75.5346, 73.7241,
63.0732

■ 24.8020, 33.0685,
57.8998

■ 76.2916, 75.2382,
63.3256

■ 23.9849, 31.8447,
57.7067

■ 77.0623, 76.7795,
63.5825

Harmonies

Analogous

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



47.1240, 51.9619, 57.0381



47.5013, 51.9619, 60.3494



48.3841, 51.9619, 62.7211

Triad

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



47.5013, 51.9619, 60.3494



51.4892, 51.9619, 59.5228



49.2281, 51.9619, 50.2436

Complementary

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



47.5013, 51.9619, 60.3494



47.2833, 47.6869, 48.3083

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.



50.4062, 51.9619, 50.8491



47.5013, 51.9619, 60.3494



51.7239, 51.9619, 56.1197

Square

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



47.5013, 51.9619, 60.3494



50.6882, 51.9619, 62.2305



51.3245, 51.9619, 52.9665



48.1107, 51.9619, 51.2780

Rectangle

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



47.5013, 51.9619, 60.3494



49.1472, 51.9619, 63.4010



51.3245, 51.9619, 52.9665



49.6301, 51.9619, 50.2624

Sweetspot

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



47.5028, 51.9641, 60.3506



91.9267, 97.8486, 108.6494



46.3029, 52.5622, 50.7082



19.5015, 20.8228, 23.2413



0.0000, 0.0000, 0.0000



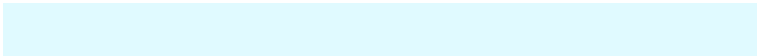
20.3446, 21.4041, 23.3091

Same Dimension

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



47.5028, 51.9641, 60.3506



83.2291, 91.7603, 107.9326



45.4202, 47.7989, 59.6564



10.8061, 11.7862, 13.6229



15.8243, 21.0425, 37.9719



0.7871, 1.0719, 1.8106

Inverse Universe

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



48.4869, 47.2107, 57.5985



85.3237, 81.7147, 102.0590



49.3040, 51.7282, 48.9818



11.0121, 10.7882, 13.0472



19.7867, 9.6642, 25.1504



0.9560, 0.4652, 1.2913

Previews

White Background



This preview shows how the XYZ color 47.5013, 51.9619, 60.3494 looks on a white background.

Color Contrast Check

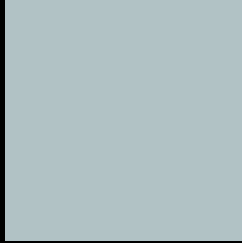
Large Text (above 18pt) WCAG AA × Fail

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 47.5013, 51.9619, 60.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

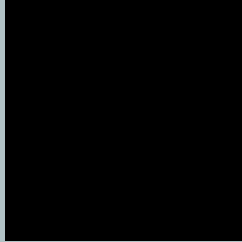
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

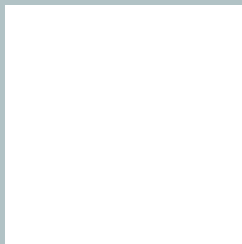
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5013, 51.9619, 60.3494

Background



This preview shows how black text looks on a background with the XYZ color 47.5013, 51.9619, 60.3494.



This preview shows how white text looks on a background with the XYZ color 47.5013, 51.9619,

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

47.5013, 51.9619, 60.3494

Protanopia

50.1434, 52.0594, 58.4446

Deuteranopia

52.8346, 51.8006, 61.2467



Tritanopia

48.8252, 51.8370, 67.1067

Trichromacy



Original Color

47.5013, 51.9619, 60.3494

Protanomaly

48.9746, 51.7665, 59.0405

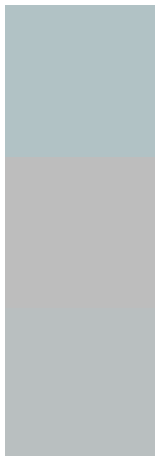
Deuteranomaly

50.6819, 51.6458, 60.7235

Tritanomaly

48.3291, 51.9645, 64.6097

Monochromacy



Original Color

47.5013, 51.9619, 60.3494

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 47.5013, 51.9619, 60.3494 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(177, 194, 197)` looks like.

```
.text, #text, p{  
    color:rgb(177, 194, 197)  
}
```

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(177, 194, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 194, 197) }
```

Border

The CSS property to change the border of an element to XYZ 47.5013, 51.9619, 60.3494 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(177, 194, 197) }
```


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

```
.border{ border-color:rgb(177, 194, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 194, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 194, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 194, 197);  
box-shadow:4px 4px 4px 4px rgb(177, 194,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5013, 51.9619, 60.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 194, 197) }
```

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

```
.background{ background-color: rgb(177,  
194, 197) }
```

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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