

Converting Colors

XYZ(47.4284, 52.0730, 60.3662)

Have a look what the booklet for
XYZ(47.4284, 52.0730, 60.3662)
contains.

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Color

**XYZ(47.2743, 51.8449,
60.3388)**

Conversions

Conversions Part 1

Format	Color
Hex	B0C2C5
RGB	176, 194, 197
RGB Percent	69%, 76%, 77%
CMY	0.3098, 0.2392, 0.2274
CMYK	0.11, 0.02, 0.00, 0.23
HSL	189°, 15%, 73%
HSV	189°, 11%, 77%
XYZ	47.2743, 51.8449, 60.3388
YIQ	188.9600, -11.6910, -2.8830

Conversions

Conversions Part 2

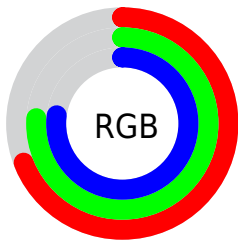
Format	Color
R _Y B	176, 186, 197
Decimal	11584197
CIE Lab	77.19, -5.52, -3.61
CIE LCh	77, 6.592, 213.180
Yxy	51.8449, 0.2965, 0.3251
Android (android.graphics.Color)	4289774277 (0xFFB0C2C5)
YUV	188.9600, 3.9637, -11.3659
Hunter-Lab	72.0034, -8.8106, 0.7174

Details

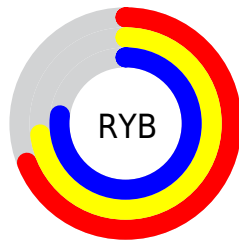
The XYZ color **47.2743, 51.8449, 60.3388** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9828, 47.2448, 47.7180**, and the grayscale version is **48.3310, 50.8479, 55.3734**.

A 20% lighter version of the original color is **85.3537, 92.6828, 107.1569**, and **22.5044, 24.9503, 29.6164** is the 20% darker color. If you saturate the color by 10%, you get **42.5198, 48.4751, 59.9398**, and if you desaturate by 10%, it is **52.6901, 55.5760, 60.7743**.

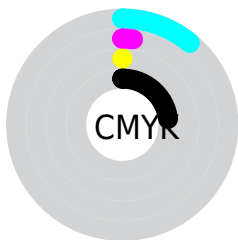
Distribution



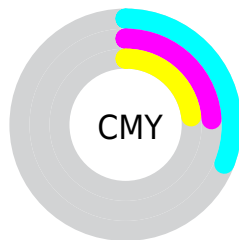
- Red (69%)
- Green (76%)
- Blue (77%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2743, 51.8449, 60.3388 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 47.2743, 51.8449, 60.3388 by changing the saturation by 10% instead.

■ 47.2743, 51.8449,
60.3388

■ 47.2743, 51.8449,
60.3388

366.5390,
393.8375, 443.6847

■ 33.4614, 36.8815,
43.2647

■ 85.3392, 92.9025,
106.8692

■ 22.6411, 25.1157,
29.7599

110.3219,
119.7654, 137.1625

■ 14.4479, 16.1633,
19.4059

139.7585,
151.3636, 172.6993

■ 8.5166, 9.6398,
11.7842

174.0145,
188.0814, 213.8982

■ 4.4818, 5.1608,
6.4761

213.4552,
230.3034, 261.1776

■ 1.9782, 2.3419,
3.0633

258.4460,

■ 0.6217, 0.7958,

278.4138, 314.9561

1.1270

309.3521,
332.7970, 375.6523

■ 0.0000, 0.0000,
0.0000

■ 47.2743, 51.8449,
60.3388

■ 47.2743, 51.8449,
60.3388

■ 42.5198, 48.4751,
59.9398

■ 52.6901, 55.5760,
60.7743

■ 38.3942, 45.4455,
59.5724

■ 58.7888, 59.6755,
61.2442

■ 34.8694, 42.7431,
59.2366

■ 65.5965, 64.1582,
61.7506

■ 31.9130, 40.3510,
58.9307

■ 73.1367, 69.0364,
62.2948

■ 29.4898, 38.2509,
58.6531

■ 73.8892, 70.4333,
62.5248

■ 27.5604, 36.4225,
58.4018

■ 74.5811, 71.8171,
62.7554

■ 26.0799, 34.8425,
58.1749

■ 75.2852, 73.2253,
62.9901

■ 24.9950, 33.4834,
57.9697

■ 76.0016, 74.6580,
63.2289

■ 24.2449, 32.3647,
57.7933

■ 76.7303, 76.1154,
63.4718

Harmonies

Analogous

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



46.8942, 51.8449, 56.8366



47.2743, 51.8449, 60.3388



48.1905, 51.8449, 62.8807

Triad

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



47.2743, 51.8449, 60.3388



51.4740, 51.8449, 59.6435



49.1425, 51.8449, 49.7933

Complementary

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



47.2743, 51.8449, 60.3388



46.9828, 47.2448, 47.7180

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.



50.3797, 51.8449, 50.4739



47.2743, 51.8449, 60.3388



51.7392, 51.8449, 56.0657

Square

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



47.2743, 51.8449, 60.3388



50.6167, 51.8449, 62.4674



51.3355, 51.8449, 52.7325



47.9612, 51.8449, 50.8325

Rectangle

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



47.2743, 51.8449, 60.3388



48.9895, 51.8449, 63.6340



51.3355, 51.8449, 52.7325



49.5657, 51.8449, 49.8286

Sweetspot

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



47.2758, 51.8471, 60.3400



91.9440, 97.8832, 108.6551



45.9880, 52.4101, 50.2350



19.5062, 20.8322, 23.2429



0.0000, 0.0000, 0.0000



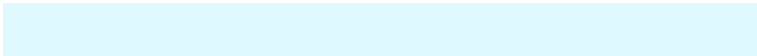
20.3446, 21.4041, 23.3091

Same Dimension

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



47.2758, 51.8471, 60.3400



82.3975, 91.2644, 107.8807



45.0616, 47.4186, 59.6019



10.8127, 11.7995, 13.6251



15.9935, 21.3809, 38.0283



0.7936, 1.0850, 1.8127

Inverse Universe

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



48.2900, 46.8170, 57.5329



84.6190, 80.3419, 101.7114



49.1255, 51.5302, 48.4322



11.0155, 10.7896, 13.0649



19.8721, 9.6984, 25.6002



0.9593, 0.4666, 1.3087

Previews

White Background



This preview shows how the XYZ color 47.2743, 51.8449, 60.3388 looks on a white background.

Color Contrast Check

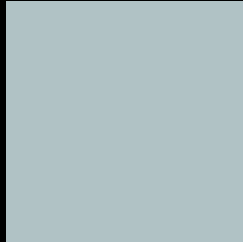
Large Text (above 18pt) WCAG AA × Fail

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 47.2743, 51.8449, 60.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

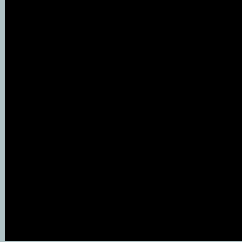
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2743, 51.8449, 60.3388

Background



This preview shows how black text looks on a background with the XYZ color 47.2743, 51.8449, 60.3388.

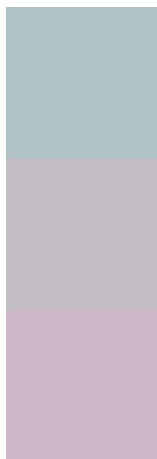


This preview shows how white text looks on a background with the XYZ color 47.2743, 51.8449,

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

47.2743, 51.8449, 60.3388

Protanopia

49.9275, 51.6277, 58.3726

Deuteranopia

52.8346, 51.8006, 61.2467



Tritanopia

48.5949, 51.7183, 67.0959

Trichromacy



Original Color

47.2743, 51.8449, 60.3388

Protanomaly

48.9746, 51.7665, 59.0405

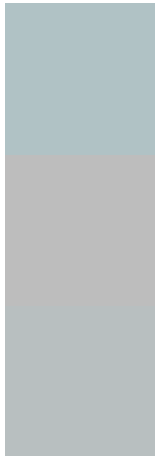
Deuteranomaly

50.4244, 51.5130, 60.7114

Tritanomaly

48.1005, 51.8467, 64.5990

Monochromacy



Original Color

47.2743, 51.8449, 60.3388

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.9124, 51.2577, 57.2376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2743, 51.8449, 60.3388 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(176, 194, 197)` looks like.

```
.text, #text, p{  
    color:rgb(176, 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(176, 194, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 194, 197) }
```

Border

The CSS property to change the border of an element to XYZ 47.2743, 51.8449, 60.3388 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(176, 194, 197) }
```


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

```
.border{ border-color:rgb(176, 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(176, 194, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 194, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 194, 197);  
box-shadow:4px 4px 4px 4px rgb(176, 194,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2743, 51.8449, 60.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 194, 197) }
```

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

```
.background{ background-color: rgb(176,  
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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