

Converting Colors

XYZ(48.7425, 53.4524, 57.4831)

Have a look what the booklet for
XYZ(48.7425, 53.4524, 57.4831)
contains.

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Color

**XYZ(48.7828, 53.3529,
57.5962)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C4C0
RGB	183, 196, 192
RGB Percent	72%, 77%, 75%
CMY	0.2823, 0.2314, 0.2471
CMYK	0.07, 0.00, 0.02, 0.23
HSL	162°, 10%, 74%
HSV	162°, 7%, 77%
XYZ	48.7828, 53.3529, 57.5962
YIQ	191.6570, -6.4640, -4.0000

Conversions

Conversions Part 2

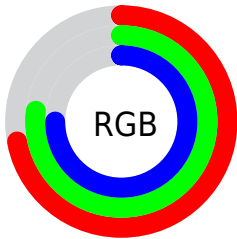
Format	Color
RYB	183, 191, 196
Decimal	12043456
CIELab	78.08, -5.20, 0.46
CIElCh	78, 5.225, 174.916
Yxy	53.3529, 0.3054, 0.3340
Android (android.graphics.Color)	4290233536 (0xFFB7C4C0)
YUV	191.6570, 0.1691, -7.5922
Hunter-Lab	73.0431, -8.6117, 4.3786

Details

The XYZ color **48.7828, 53.3529, 57.5962** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6700, 49.1920, 53.9461**, and the grayscale version is **49.9060, 52.5050, 57.1779**.

A 20% lighter version of the original color is **87.6652, 95.3786, 102.5964**, and **23.5391, 25.9559, 28.1954** is the 20% darker color. If you saturate the color by 10%, you get **43.7869, 50.8546, 53.9443**, and if you desaturate by 10%, it is **54.4584, 56.2014, 61.4253**.

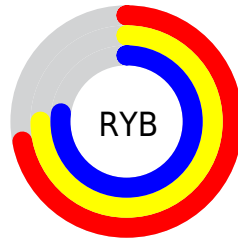
Distribution



Red (72%)

Green (77%)

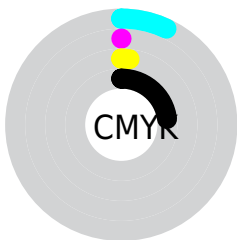
Blue (75%)



Red (72%)

Yellow (75%)

Blue (77%)

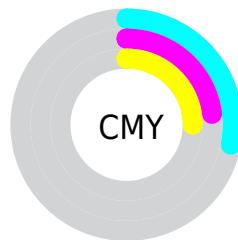


Cyan (7%)

Magenta (0%)

Yellow (2%)

Black (23%)



Cyan (28%)

Magenta (23%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7828, 53.3529, 57.5962 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 48.7828, 53.3529, 57.5962 by changing the saturation by 10% instead.

■ 48.7828, 53.3529,
57.5962

■ 48.7828, 53.3529,
57.5962

372.4178,
399.6376, 433.2358

■ 34.6610, 38.0846,
41.0716

■ 87.5714, 95.1235,
102.8436

■ 23.5672, 26.0483,
28.0549

112.9690,
122.3945, 132.4034

■ 15.1359, 16.8598,
18.1276

142.8559,
154.4351, 167.1453

■ 9.0017, 10.1346,
10.8713

177.5975,
191.6299, 207.4879

■ 4.7994, 5.4883,
5.8673

217.5592,
234.3631, 253.8497

■ 2.1636, 2.5365,
2.6970

263.1062,

■ 0.7235, 0.8949,

283.0192, 306.6492

0.9419

314.6039,
337.9826, 366.3051

■ 0.0000, 0.0000,
0.0000

■ 48.7828, 53.3529,
57.5962

■ 48.7828, 53.3529,
57.5962

■ 43.7869, 50.8546,
53.9443

■ 54.4584, 56.2014,
61.4253

■ 39.4392, 48.6858,
50.4630

■ 60.8346, 59.4064,
65.4308

■ 35.7122, 46.8339,
47.1505

■ 67.9370, 62.9826,
69.6167

■ 32.5750, 45.2831,
44.0035

■ 73.3934, 65.7069,
73.8736

■ 29.9937, 44.0158,
41.0188

■ 74.1888, 66.0250,
78.0620

■ 27.9310, 43.0128,
38.1926

■ 75.0131, 66.3548,
82.4029

■ 26.3445, 42.2524,
35.5212

■ 75.8667, 66.6962,
86.8979

■ 25.1853, 41.7094,
33.0003

■ 76.7499, 67.0494,
91.5484

■ 24.3889, 41.3506,
30.6250

■ 77.6628, 67.4146,
96.3561

Harmonies

Analogous

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



49.1231, 53.3529, 54.9249



48.7828, 53.3529, 57.5962



48.9533, 53.3529, 60.4896

Triad

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



48.7828, 53.3529, 57.5962



51.5406, 53.3529, 63.3338



51.8454, 53.3529, 53.6184

Complementary

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



48.7828, 53.3529, 57.5962



48.6700, 49.1920, 53.9461

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.



52.5089, 53.3529, 55.7591



48.7828, 53.3529, 57.5962



52.3314, 53.3529, 61.3790

Square

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



48.7828, 53.3529, 57.5962



50.5368, 53.3529, 63.8653



52.6880, 53.3529, 58.5911



50.8842, 53.3529, 52.6780

Rectangle

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



48.7828, 53.3529, 57.5962



49.3349, 53.3529, 62.1469



52.6880, 53.3529, 58.5911



52.1111, 53.3529, 54.2179

Sweetspot

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



48.7843, 53.3552, 57.5974



92.9467, 98.9448, 107.4875



48.8110, 53.4807, 52.5507



19.9165, 21.1893, 23.0217



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.



48.7843, 53.3552, 57.5974



86.9442, 95.9362, 103.3286



48.7006, 52.4681, 59.7878



10.2322, 11.3739, 12.2262



15.5637, 26.5195, 19.3932



0.7021, 1.1577, 0.9942

Inverse Universe

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



48.6700, 49.1920, 53.9461



86.6932, 86.7916, 95.3085



48.7432, 50.0147, 51.8853



10.1980, 10.1278, 11.1334



15.1916, 7.7664, 3.6549



0.6879, 0.3482, 0.3240

Previews

White Background



This preview shows how the XYZ color 48.7828, 53.3529, 57.5962 looks on a white background.

Color Contrast Check

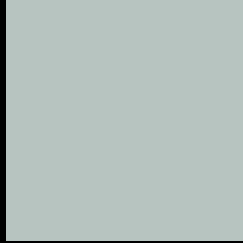
Large Text (above 18pt) WCAG AA × Fail

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 48.7828, 53.3529, 57.5962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

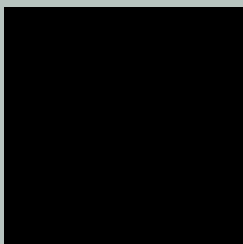
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

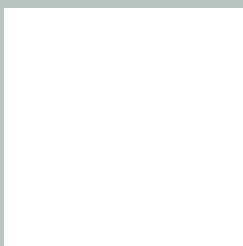
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7828, 53.3529, 57.5962

Background



This preview shows how black text looks on a background with the XYZ color 48.7828, 53.3529, 57.5962.



This preview shows how white text looks on a background with the XYZ color 48.7828, 53.3529,

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

48.7828, 53.3529, 57.5962

Protanopia

51.1699, 53.2873, 56.3037

Deuteranopia

54.3719, 53.2846, 58.4582



Tritanopia

50.8283, 53.1825, 67.9079

Trichromacy



Original Color

48.7828, 53.3529, 57.5962

Protanomaly

50.2122, 53.1080, 56.8946

Deuteranomaly

52.1265, 53.0947, 57.9530

Tritanomaly

50.0789, 53.2097, 64.1310

Monochromacy



Original Color

48.7828, 53.3529, 57.5962

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.5707, 52.7645, 57.4411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7828, 53.3529, 57.5962 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(183, 196, 192) looks like.

```
.text, #text, p{  
    color:rgb(183, 196, 192)  
}
```

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(183, 196, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 196, 192) }
```

Border

The CSS property to change the border of an element to XYZ 48.7828, 53.3529, 57.5962 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(183, 196, 192) }
```


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

```
.border{ border-color:rgb(183, 196, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 196, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 196, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 196, 192);  
box-shadow:4px 4px 4px 4px rgb(183, 196,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7828, 53.3529, 57.5962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 196, 192) }
```

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

```
.background{ background-color: rgb(183,  
196, 192) }
```

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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