

Converting Colors

XYZ(47.6342, 52.6284, 63.5248)

Have a look what the booklet for
XYZ(47.6342, 52.6284, 63.5248)
contains.

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Color

**XYZ(47.6342, 52.6284,
63.5248)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC4CA
RGB	173, 196, 202
RGB Percent	68%, 77%, 79%
CMY	0.3216, 0.2314, 0.2078
CMYK	0.14, 0.03, 0.00, 0.21
HSL	192°, 21%, 74%
HSV	192°, 14%, 79%
XYZ	47.6342, 52.6284, 63.5248
YIQ	189.8070, -15.6340, -3.0100

Conversions

Conversions Part 2

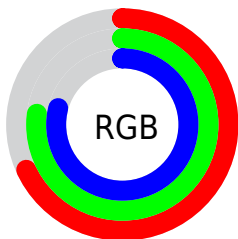
Format	Color
R _Y B	173, 186, 202
Decimal	11388106
CIE Lab	77.66, -6.53, -5.64
CIE LCh	78, 8.629, 220.849
Yxy	52.6284, 0.2908, 0.3213
Android (android.graphics.Color)	4289578186 (0xFFADC4CA)
YUV	189.8070, 6.0111, -14.7397
Hunter-Lab	72.5454, -9.7493, -1.1358

Details

The XYZ color **47.6342, 52.6284, 63.5248** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0204, 47.8137, 46.2342**, and the grayscale version is **48.8067, 51.3485, 55.9185**.

A 20% lighter version of the original color is **85.4884, 94.1286, 108.2707**, and **22.7640, 25.4772, 31.7348** is the 20% darker color. If you saturate the color by 10%, you get **42.5720, 48.6407, 63.0227**, and if you desaturate by 10%, it is **53.4011, 57.0211, 64.0696**.

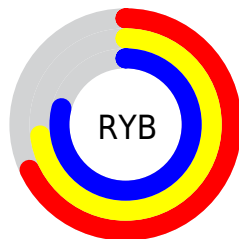
Distribution



Red (68%)

Green (77%)

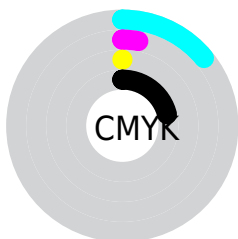
Blue (79%)



Red (68%)

Yellow (73%)

Blue (79%)

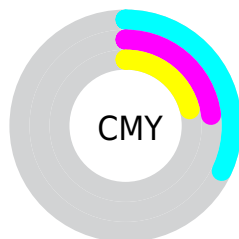


Cyan (14%)

Magenta (3%)

Yellow (0%)

Black (21%)



Cyan (32%)

Magenta (23%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6342, 52.6284, 63.5248 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 47.6342, 52.6284, 63.5248 by changing the saturation by 10% instead.

■ 47.6342, 52.6284,
63.5248

■ 47.6342, 52.6284,
63.5248

367.9471,
396.8578, 455.6319

■ 33.7473, 37.5062,
45.8222

■ 85.8725, 94.0573,
111.5192

■ 22.8615, 25.5997,
31.7579

110.9547,
121.1329, 142.6480

■ 14.6114, 16.5244,
20.9133

140.4993,
152.9616, 179.0893

■ 8.6317, 9.8960,
12.8700

174.8718,
189.9280, 221.2616

■ 4.5569, 5.3300,
7.2094

214.4374,
232.4165, 269.5835

■ 2.0218, 2.4422,
3.5130

259.5616,

■ 0.6461, 0.8475,

280.8113, 324.4734

1.3622

310.6098,
335.4969, 386.3501

■ 0.0000, 0.0000,
0.1119

■ 0.0000, 0.0000,
0.0000

■ 47.6342, 52.6284,
63.5248

■ 47.6342, 52.6284,
63.5248

■ 42.5720, 48.6407,
63.0227

■ 53.4011, 57.0211,
64.0696

■ 38.1794, 45.0354,
62.5584

■ 59.8965, 61.8273,
64.6549

■ 34.4252, 41.7976,
62.1313

■ 67.1490, 67.0633,
65.2833

■ 31.2739, 38.9086,
61.7397

■ 75.1839, 72.7425,
65.9560

■ 28.6863, 36.3478,
61.3818

■ 76.6856, 75.0939,
66.3307

■ 26.6184, 34.0924,
61.0555

■ 77.7753, 77.2733,
66.6940

■ 25.0195, 32.1157,
60.7582

■ 78.8925, 79.5077,
67.0664

■ 23.8279, 30.3857,
60.4871

■ 80.0373, 81.7974,
67.4480

■ 23.2712, 29.4850,
60.3426

■ 81.2100, 84.1427,
67.8389

Harmonies

Analogous

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



46.9369, 52.6284, 59.0500



47.6342, 52.6284, 63.5248



48.9767, 52.6284, 66.4275

Triad

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



47.6342, 52.6284, 63.5248



53.1136, 52.6284, 60.3704



49.4204, 52.6284, 48.7458

Complementary

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



47.6342, 52.6284, 63.5248



48.0204, 47.8137, 46.2342

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.



51.0815, 52.6284, 49.0555



47.6342, 52.6284, 63.5248



53.2388, 52.6284, 55.5915

Square

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



47.6342, 52.6284, 63.5248



52.1493, 52.6284, 64.5375



52.4877, 52.6284, 51.5020



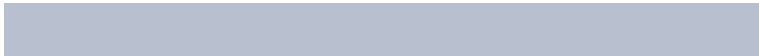
47.9528, 52.6284, 50.6311

Rectangle

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



47.6342, 52.6284, 63.5248



50.0693, 52.6284, 66.9890



52.4877, 52.6284, 51.5020



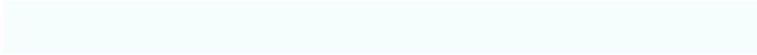
49.9742, 52.6284, 48.5995

Sweetspot

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



47.6357, 52.6306, 63.5260



90.7272, 96.7781, 108.5059



46.4715, 54.3728, 50.5885



19.2502, 20.5876, 23.2092



0.0000, 0.0000, 0.0000



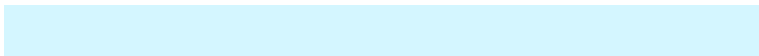
20.3446, 21.4041, 23.3091

Same Dimension

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



47.6357, 52.6306, 63.5260



78.0671, 87.0981, 107.3048



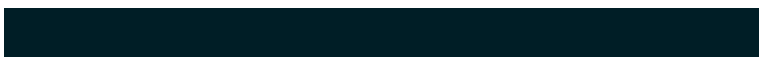
44.5618, 46.4826, 62.5013



11.3386, 12.3177, 14.3503



15.0400, 19.1040, 38.8510



0.8268, 1.0874, 2.0213

Inverse Universe

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



49.2657, 46.4303, 58.5925



81.3361, 74.8282, 97.3736



51.0372, 53.8473, 47.2398



11.5843, 11.3624, 13.6115



19.8024, 9.7316, 22.4760



1.0473, 0.5123, 1.2949

Previews

White Background



This preview shows how the XYZ color 47.6342, 52.6284, 63.5248 looks on a white background.

Color Contrast Check

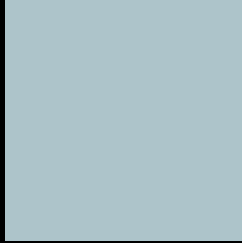
Large Text (above 18pt) WCAG AA × Fail

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 47.6342, 52.6284, 63.5248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

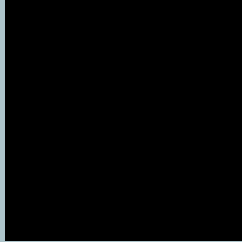
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

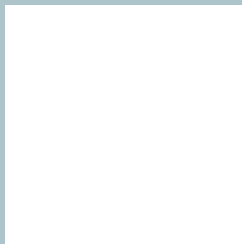
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.6342, 52.6284, 63.5248

Background



This preview shows how black text looks on a background with the XYZ color 47.6342, 52.6284, 63.5248.



This preview shows how white text looks on a background with the XYZ color 47.6342, 52.6284,

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

47.6342, 52.6284, 63.5248

Protanopia

50.9319, 52.7226, 61.5249

Deuteranopia

53.6348, 52.4566, 64.4250



Tritanopia

48.6035, 52.6820, 68.5797

Trichromacy



Original Color

47.6342, 52.6284, 63.5248

Protanomaly

49.7450, 52.7492, 62.2033

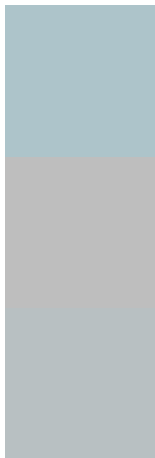
Deuteranomaly

51.1853, 52.4762, 63.9311

Tritanomaly

48.2332, 52.5339, 66.6294

Monochromacy



Original Color

47.6342, 52.6284, 63.5248

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.3544, 51.7847, 58.4858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6342, 52.6284, 63.5248 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(173, 196, 202)` looks like.

```
.text, #text, p{  
    color:rgb(173, 196, 202)  
}
```

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(173, 196, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 196, 202) }
```

Border

The CSS property to change the border of an element to XYZ 47.6342, 52.6284, 63.5248 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(173, 196, 202) }
```


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

```
.border{ border-color:rgb(173, 196, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 196, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 196, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 196, 202);  
box-shadow:4px 4px 4px 4px rgb(173, 196,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6342, 52.6284, 63.5248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 196, 202) }
```

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

```
.background{ background-color: rgb(173,  
196, 202) }
```

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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