

Converting Colors

XYZ(50.2200, 55.3658, 63.1296)

Have a look what the booklet for
XYZ(50.2200, 55.3658, 63.1296)
contains.

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Color

**XYZ(50.2529, 55.3494,
63.2932)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C8C9
RGB	181, 200, 201
RGB Percent	71%, 78%, 79%
CMY	0.2902, 0.2157, 0.2118
CMYK	0.10, 0.00, 0.00, 0.21
HSL	183°, 16%, 75%
HSV	183°, 10%, 79%
XYZ	50.2529, 55.3494, 63.2932
YIQ	194.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

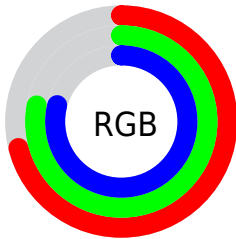
Format	Color
RYB	181, 191, 201
Decimal	11913417
CIELab	79.24, -6.22, -2.70
CIELCh	79, 6.782, 203.502
Yxy	55.3494, 0.2975, 0.3277
Android (android.graphics.Color)	4290103497 (0xFFB5C8C9)
YUV	194.4330, 3.2375, -11.7807
Hunter-Lab	74.3972, -9.6241, 1.6372

Details

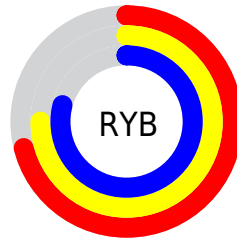
The XYZ color **50.2529, 55.3494, 63.2932** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.1559, 49.2090, 50.6243**, and the grayscale version is **51.5224, 54.2055, 59.0298**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **24.4474, 27.2535, 31.5757** is the 20% darker color. If you saturate the color by 10%, you get **45.6449, 52.6321, 63.0124**, and if you desaturate by 10%, it is **55.5456, 58.4249, 63.6087**.

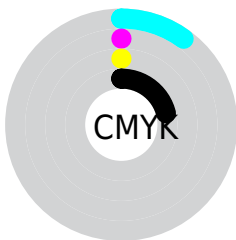
Distribution



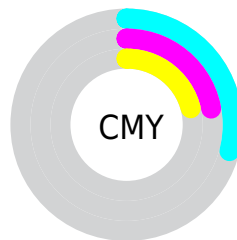
- Red (71%)
- Green (78%)
- Blue (79%)



- Red (71%)
- Yellow (75%)
- Blue (79%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (29%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2529, 55.3494, 63.2932 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 50.2529, 55.3494, 63.2932 by changing the saturation by 10% instead.

■ 50.2529, 55.3494,
63.2932

■ 50.2529, 55.3494,
63.2932

378.0898,
407.2350, 454.7700

■ 35.8330, 39.6815,
45.6359

■ 89.7391, 98.0527,
111.1821

■ 24.4748, 27.2903,
31.6120

115.5360,
125.8569, 142.2507

■ 15.8128, 17.7914,
20.8030

145.8561,
158.4754, 178.6269

■ 9.4818, 10.8003,
12.7902

181.0645,
196.2924, 220.7292

■ 5.1164, 5.9327,
7.1552

221.5268,
239.6926, 268.9761

■ 2.3512, 2.8042,
3.4795

267.6082,

■ 0.8206, 1.0304,

289.0601, 323.7862

1.3444

319.6740,
344.7795, 385.5780

■ 0.0000, 0.0000,
0.0977

■ 0.0000, 0.0000,
0.0000

■ 50.2529, 55.3494,
63.2932

■ 50.2529, 55.3494,
63.2932

■ 45.6449, 52.6321,
63.0124

■ 55.5456, 58.4249,
63.6087

■ 41.6878, 50.2511,
62.7614

■ 61.5454, 61.8658,
63.9567

■ 38.3522, 48.1927,
62.5399

■ 68.2797, 65.6875,
64.3394

■ 35.6044, 46.4397,
62.3464

■ 73.3784, 68.6683,
64.6460

■ 33.4077, 44.9729,
62.1790

■ 73.6173, 69.1461,
64.7257

■ 31.7211, 43.7713,
62.0360

■ 73.8577, 69.6269,
64.8058

■ 30.4979, 42.8109,
61.9151

■ 74.0996, 70.1108,
64.8864

■ 29.6830, 42.0632,
61.8137

■ 74.3431, 70.5978,
64.9676

■ 29.1725, 41.4746,
61.7270

■ 74.5882, 71.0879,
65.0493

Harmonies

Analogous

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



50.0596, 55.3494, 59.4249



50.2529, 55.3494, 63.2932



51.0723, 55.3494, 66.4704

Triad

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



50.2529, 55.3494, 63.2932



54.7319, 55.3494, 64.8176



52.9036, 55.3494, 53.1470

Complementary

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



50.2529, 55.3494, 63.2932



49.1559, 49.2090, 50.6243

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.



54.1741, 55.3494, 54.4604



50.2529, 55.3494, 63.2932



55.2413, 55.3494, 61.1151

Square

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



50.2529, 55.3494, 63.2932



53.6546, 55.3494, 67.3766



55.0354, 55.3494, 57.3371



51.5750, 55.3494, 53.6743

Rectangle

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



50.2529, 55.3494, 63.2932



51.8710, 55.3494, 67.7133



55.0354, 55.3494, 57.3371



53.3519, 55.3494, 53.3860

Sweetspot

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



50.2545, 55.3517, 63.2944



92.1698, 98.3348, 108.7304



48.3525, 54.9615, 52.1365



19.5674, 20.9545, 23.2633



0.0000, 0.0000, 0.0000



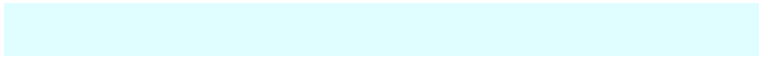
20.3446, 21.4041, 23.3091

Same Dimension

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



50.2545, 55.3517, 63.2944



84.1900, 93.6821, 108.2529



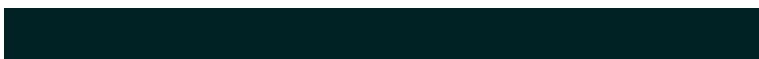
48.0852, 51.0131, 62.5713



10.8997, 11.9734, 13.6541



18.3612, 26.1164, 38.8176



0.8836, 1.2651, 1.8428

Inverse Universe

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



51.0378, 49.6363, 61.5372



85.8087, 81.9087, 104.6131



51.2052, 53.3076, 51.3074



11.0594, 10.8071, 13.2960



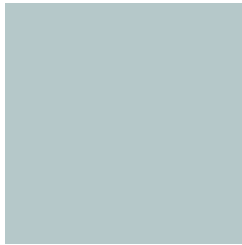
21.0672, 10.1765, 31.8936



1.0047, 0.4847, 1.5480

Previews

White Background



This preview shows how the XYZ color 50.2529, 55.3494, 63.2932 looks on a white background.

Color Contrast Check

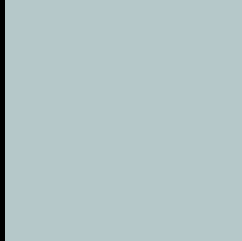
Large Text (above 18pt) WCAG AA × Fail

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 50.2529, 55.3494, 63.2932 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

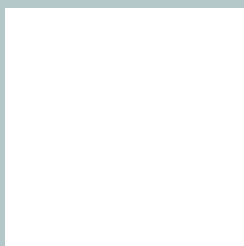
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2529, 55.3494, 63.2932

Background



This preview shows how black text looks on a background with the XYZ color 50.2529, 55.3494, 63.2932.

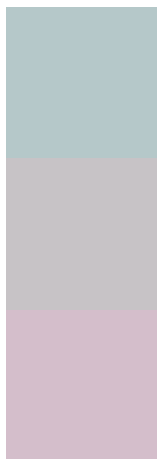


This preview shows how white text looks on a background with the XYZ color 50.2529, 55.3494,

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

50.2529, 55.3494, 63.2932

Protanopia

53.2613, 55.2495, 61.2831

Deuteranopia

56.3443, 55.1358, 64.1725



Tritanopia

51.8601, 55.3105, 71.5610

Trichromacy



Original Color

50.2529, 55.3494, 63.2932

Protanomaly

52.0133, 55.2625, 61.9582

Deuteranomaly

54.0399, 55.2653, 63.6962

Tritanomaly

51.2235, 55.3954, 68.3142

Monochromacy



Original Color

50.2529, 55.3494, 63.2932

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.8042, 54.3299, 60.6324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2529, 55.3494, 63.2932 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(181, 200, 201)` looks like.

```
.text, #text, p{  
    color:rgb(181, 200, 201)  
}
```

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(181, 200, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 200, 201) }
```

Border

The CSS property to change the border of an element to XYZ 50.2529, 55.3494, 63.2932 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(181, 200, 201) }
```


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

```
.border{ border-color:rgb(181, 200, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 200, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 200, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 200, 201); box-shadow:4px 4px 4px 4px rgb(181, 200, 201) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2529, 55.3494, 63.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 200, 201) }
```

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

```
.background{ background-color: rgb(181,  
200, 201) }
```

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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