

Converting Colors

XYZ(50.5262, 55.4370, 60.8922)

Have a look what the booklet for
XYZ(50.5262, 55.4370, 60.8922)
contains.

XYZ(50.4995, 55.5301, 60.8801)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.4995, 55.5301,
60.8801)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C8C5
RGB	184, 200, 197
RGB Percent	72%, 78%, 77%
CMY	0.2784, 0.2157, 0.2274
CMYK	0.08, 0.00, 0.02, 0.22
HSL	169°, 13%, 75%
HSV	169°, 8%, 78%
XYZ	50.4995, 55.5301, 60.8801
YIQ	194.8740, -8.5730, -4.3250

Conversions

Conversions Part 2

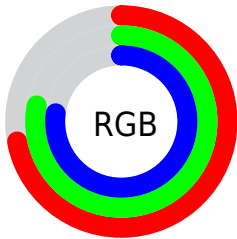
Format	Color
RYB	184, 193, 200
Decimal	12110021
CIELab	79.35, -6.01, -0.38
CIElCh	79, 6.017, 183.595
Yxy	55.5301, 0.3026, 0.3327
Android (android.graphics.Color)	4290300101 (0xFFB8C8C5)
YUV	194.8740, 1.0481, -9.5365
Hunter-Lab	74.5185, -9.4420, 3.7243

Details

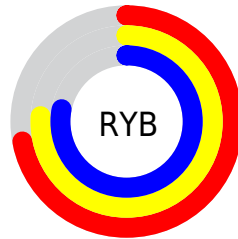
The XYZ color **50.4995, 55.5301, 60.8801** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9316, 50.1497, 54.0645**, and the grayscale version is **51.7957, 54.4931, 59.3430**.

A 20% lighter version of the original color is **89.5846, 97.2010, 107.8060**, and **24.5969, 27.3662, 29.9724** is the 20% darker color. If you saturate the color by 10%, you get **45.6188, 53.0646, 58.4355**, and if you desaturate by 10%, it is **56.0715, 58.3538, 63.4152**.

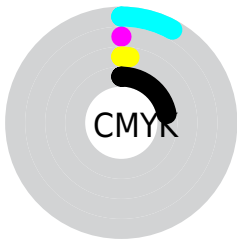
Distribution



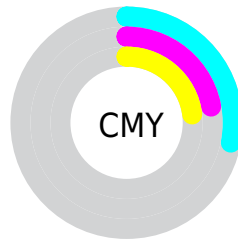
- Red (72%)
- Green (78%)
- Blue (77%)



- Red (72%)
- Yellow (76%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (28%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4995, 55.5301, 60.8801 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 50.4995, 55.5301, 60.8801 by changing the saturation by 10% instead.

■ 50.4995, 55.5301,
60.8801

■ 50.4995, 55.5301,
60.8801

379.0359,
407.9182, 445.7286

■ 36.0299, 39.8263,
43.6985

■ 90.1019, 98.3172,
107.6611

■ 24.6275, 27.4031,
30.0981

115.9654,
126.1693, 138.0977

■ 15.9270, 17.8762,
19.6604

146.3576,
158.8396, 173.7896

■ 9.5630, 10.8612,
11.9668

181.6438,
196.7125, 215.1554

■ 5.1702, 5.9735,
6.5988

222.1893,
240.1724, 262.6136

■ 2.3833, 2.8290,
3.1379

268.3596,

■ 0.8368, 1.0431,

289.6038, 316.5829

1.1655

320.5200,
345.3909, 377.4817

■ 0.0000, 0.0000,
0.0000

■ 50.4995, 55.5301,
60.8801

■ 50.4995, 55.5301,
60.8801

■ 45.6188, 53.0646,
58.4355

■ 56.0715, 58.3538,
63.4152

■ 41.3962, 50.9356,
56.0761

■ 62.3567, 61.5424,
66.0389

■ 37.8030, 49.1299,
53.8012

■ 69.3819, 65.1112,
68.7539

■ 34.8065, 47.6306,
51.6089

■ 73.7808, 67.3248,
71.4031

■ 32.3710, 46.4192,
49.4972

■ 74.2599, 67.5165,
73.9263

■ 30.4567, 45.4754,
47.4637

■ 74.7502, 67.7125,
76.5078

■ 29.0188, 44.7760,
45.5060

■ 75.2515, 67.9131,
79.1481

■ 28.0048, 44.2939,
43.6211

■ 75.7642, 68.1182,
81.8475

■ 27.3362, 43.9887,
41.8049

■ 76.2881, 68.3277,
84.6064

Harmonies

Analogous

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



50.7303, 55.5301, 57.5578



50.4995, 55.5301, 60.8801



50.8720, 55.5301, 64.2116

Triad

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



50.4995, 55.5301, 60.8801



54.0729, 55.5301, 66.1639



53.8175, 55.5301, 54.7087

Complementary

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



50.4995, 55.5301, 60.8801



49.9316, 50.1497, 54.0645

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.



54.7345, 55.5301, 56.8629



50.4995, 55.5301, 60.8801



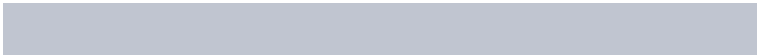
54.8836, 55.5301, 63.4640

Square

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



50.4995, 55.5301, 60.8801



52.9252, 55.5301, 67.3345



55.1275, 55.5301, 60.0475



52.6345, 55.5301, 54.0753

Rectangle

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



50.4995, 55.5301, 60.8801



51.4157, 55.5301, 65.9657



55.1275, 55.5301, 60.0475



54.1676, 55.5301, 55.2748

Sweetspot

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



50.5011, 55.5324, 60.8813



93.0448, 98.9840, 108.0038



49.8502, 55.3617, 53.4068



19.9364, 21.1973, 23.1267



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.



50.5011, 55.5324, 60.8813



85.5219, 95.1760, 104.4825



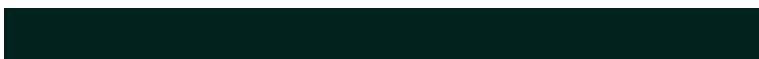
49.7542, 53.4824, 62.3471



10.8580, 12.0321, 13.2026



17.3370, 27.9472, 26.5171



0.8436, 1.3324, 1.3752

Inverse Universe

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



49.9316, 50.1497, 54.0645



84.2902, 83.5326, 89.7378



50.6276, 52.0510, 52.7268



10.7138, 10.6689, 11.4763



15.3877, 7.9046, 1.9853



0.7538, 0.3844, 0.2268

Previews

White Background



This preview shows how the XYZ color 50.4995, 55.5301, 60.8801 looks on a white background.

Color Contrast Check

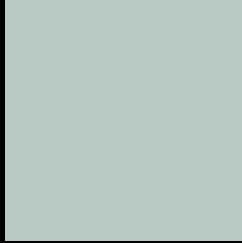
Large Text (above 18pt) WCAG AA × Fail

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 50.4995, 55.5301, 60.8801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

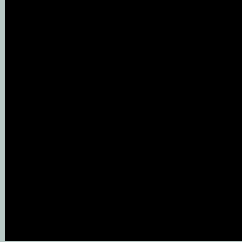
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4995, 55.5301, 60.8801

Background



This preview shows how black text looks on a background with the XYZ color 50.4995, 55.5301, 60.8801.



This preview shows how white text looks on a background with the XYZ color 50.4995, 55.5301,

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

50.4995, 55.5301, 60.8801

Protanopia

53.0721, 55.2046, 58.8973

Deuteranopia

56.4538, 55.2466, 61.7210



Tritanopia

52.6978, 55.7571, 70.9355

Trichromacy



Original Color

50.4995, 55.5301, 60.8801

Protanomaly

52.0647, 55.3420, 59.5677

Deuteranomaly

54.1134, 55.3573, 61.2590

Tritanomaly

51.9356, 55.7909, 67.0629

Monochromacy



Original Color

50.4995, 55.5301, 60.8801

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.4159, 54.9944, 60.1296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4995, 55.5301, 60.8801 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(184, 200, 197)` looks like.

```
.text, #text, p{  
    color:rgb(184, 200, 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(184, 200, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 200, 197) }
```

Border

The CSS property to change the border of an element to XYZ 50.4995, 55.5301, 60.8801 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(184, 200, 197) }
```


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

```
.border{ border-color:rgb(184, 200, 197) }
```

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

Here you see how a box with a 4 pixel rgb(184, 200, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 200, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 200, 197);  
box-shadow:4px 4px 4px 4px rgb(184, 200,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4995, 55.5301, 60.8801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 200, 197) }
```

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

```
.background{ background-color: rgb(184,  
200, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor