

Converting Colors

XYZ(50.1687, 55.6869, 61.7769)

Have a look what the booklet for
XYZ(50.1687, 55.6869, 61.7769)
contains.

XYZ(50.1357, 55.6743, 61.5299)	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(50.1357, 55.6743,
61.5299)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C9C6
RGB	181, 201, 198
RGB Percent	71%, 79%, 78%
CMY	0.2902, 0.2117, 0.2235
CMYK	0.10, 0.00, 0.01, 0.21
HSL	171°, 16%, 75%
HSV	171°, 10%, 79%
XYZ	50.1357, 55.6743, 61.5299
YIQ	194.6780, -10.9570, -5.1730

Conversions

Conversions Part 2

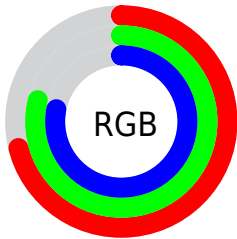
Format	Color
RYB	181, 192, 201
Decimal	11913670
CIELab	79.43, -7.34, -0.82
CIELCh	79, 7.381, 186.372
Yxy	55.6743, 0.2996, 0.3327
Android (android.graphics.Color)	4290103750 (0xFFB5C9C6)
YUV	194.6780, 1.6377, -11.9956
Hunter-Lab	74.6152, -10.6383, 3.3384

Details

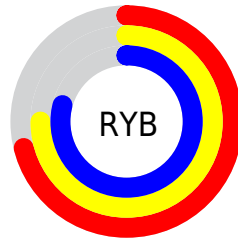
The XYZ color **50.1357, 55.6743, 61.5299** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2650, 48.9273, 52.1972**, and the grayscale version is **51.6767, 54.3679, 59.2067**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **24.3698, 27.4702, 30.4034** is the 20% darker color. If you saturate the color by 10%, you get **45.4142, 53.2816, 59.5109**, and if you desaturate by 10%, it is **55.5473, 58.4250, 63.6197**.

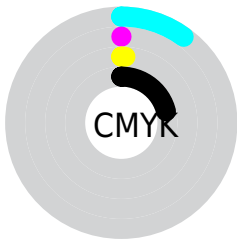
Distribution



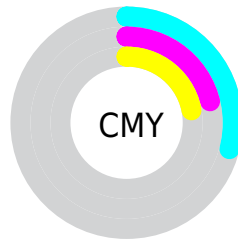
- Red (71%)
- Green (79%)
- Blue (78%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1357, 55.6743, 61.5299 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 50.1357, 55.6743, 61.5299 by changing the saturation by 10% instead.

■ 50.1357, 55.6743,
61.5299

■ 50.1357, 55.6743,
61.5299

377.6396,
408.4629, 448.1745

■ 35.7395, 39.9418,
44.2196

■ 89.5665, 98.5282,
108.6108

■ 24.4022, 27.4932,
30.5047

115.3318,
126.4185, 139.2185

■ 15.7586, 17.9440,
19.9667

145.6175,
159.1301, 175.0958

■ 9.4433, 10.9098,
12.1870

180.7890,
197.0475, 216.6612

■ 5.0908, 6.0062,
6.7471

221.2116,
240.5551, 264.3332

■ 2.3360, 2.8488,
3.2284

267.2506,

■ 0.8130, 1.0533,

290.0373, 318.5304

1.2124

319.2715,
345.8784, 379.6713

■ 0.0000, 0.0000,
0.0000

■ 50.1357, 55.6743,
61.5299

■ 50.1357, 55.6743,
61.5299

■ 45.4142, 53.2816,
59.5109

■ 55.5473, 58.4250,
63.6197

■ 41.3490, 51.2249,
57.5575

■ 61.6716, 61.5408,
65.7781

■ 37.9106, 49.4906,
55.6693

■ 68.5359, 65.0372,
68.0077

■ 35.0654, 48.0613,
53.8443

■ 73.7696, 67.6922,
70.1979

■ 32.7765, 46.9180,
52.0808

■ 74.1494, 67.8441,
72.1979

■ 31.0029, 46.0396,
50.3766

■ 74.5363, 67.9989,
74.2354

■ 29.6980, 45.4020,
48.7292

■ 74.9304, 68.1565,
76.3108

■ 28.8066, 44.9768,
47.1359

■ 75.3317, 68.3171,
78.4240

■ 28.2246, 44.7103,
45.5916

■ 75.7403, 68.4805,
80.5754

Harmonies

Analogous

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



50.3494, 55.6743, 57.4083



50.1357, 55.6743, 61.5299



50.6559, 55.6743, 65.5882

Triad

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



50.1357, 55.6743, 61.5299



54.6242, 55.6743, 67.4294



54.0668, 55.6743, 53.4480

Complementary

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



50.1357, 55.6743, 61.5299



49.2650, 48.9273, 52.1972

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.



55.2439, 55.6743, 55.9090



50.1357, 55.6743, 61.5299



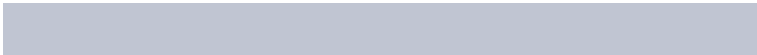
55.5699, 55.6743, 63.9490

Square

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



50.1357, 55.6743, 61.5299



53.2336, 55.6743, 69.0952



55.7988, 55.6743, 59.7188



52.6012, 55.6743, 52.8675

Rectangle

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



50.1357, 55.6743, 61.5299



51.3547, 55.6743, 67.6703



55.7988, 55.6743, 59.7188



54.5102, 55.6743, 54.0769

Sweetspot

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



50.1373, 55.6766, 61.5311



92.1069, 98.5041, 107.7999



49.0759, 55.3435, 51.8125



19.5504, 21.0004, 23.0111



0.0000, 0.0000, 0.0000



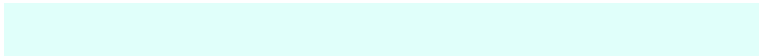
20.3446, 21.4041, 23.3091

Same Dimension

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



50.1373, 55.6766, 61.5311



83.9437, 94.3589, 104.5654



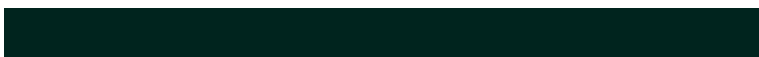
48.9663, 52.7749, 62.8670



10.8756, 12.0391, 13.2952



17.7709, 28.1207, 28.8020



0.8605, 1.3392, 1.4643

Inverse Universe

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



49.2650, 48.9273, 52.1972



82.1453, 80.4434, 85.3220



50.3419, 51.5796, 51.0193



10.6977, 10.6625, 11.3913



15.3154, 7.8757, 1.6047



0.7465, 0.3814, 0.1882

Previews

White Background



This preview shows how the XYZ color 50.1357, 55.6743, 61.5299 looks on a white background.

Color Contrast Check

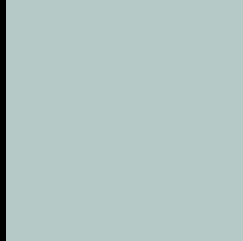
Large Text (above 18pt) WCAG AA × Fail

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 50.1357, 55.6743, 61.5299 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

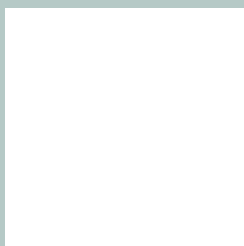
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1357, 55.6743, 61.5299

Background



This preview shows how black text looks on a background with the XYZ color 50.1357, 55.6743, 61.5299.

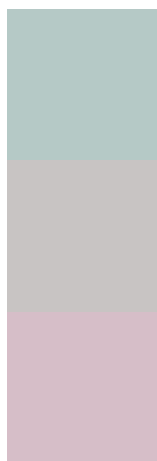


This preview shows how white text looks on a background with the XYZ color 50.1357, 55.6743,

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

50.1357, 55.6743, 61.5299

Protanopia

53.4097, 55.6993, 59.5658

Deuteranopia

56.5703, 55.2932, 62.3347



Tritanopia

52.3282, 55.8922, 71.6486

Trichromacy



Original Color

50.1357, 55.6743, 61.5299

Protanomaly

52.1502, 55.7111, 60.2293

Deuteranomaly

53.9577, 55.2637, 61.8559

Tritanomaly

51.5679, 55.9299, 67.7521

Monochromacy



Original Color

50.1357, 55.6743, 61.5299

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.1653, 54.8652, 60.1179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1357, 55.6743, 61.5299 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, 201, 198)` looks like.

```
.text, #text, p{  
    color:rgb(181, 201, 198)  
}
```

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, 201, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 201, 198) }
```

Border

The CSS property to change the border of an element to XYZ 50.1357, 55.6743, 61.5299 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, 201, 198) }
```


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

```
.border{ border-color:rgb(181, 201, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 201, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 201, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 201, 198);  
box-shadow:4px 4px 4px 4px rgb(181, 201,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1357, 55.6743, 61.5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 201, 198) }
```

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

```
.background{ background-color: rgb(181,  
201, 198) }
```

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