

Converting Colors

XYZ(55.8368, 60.9014, 67.0667)

Have a look what the booklet for
XYZ(55.8368, 60.9014, 67.0667)
contains.

XYZ(55.9446, 61.0373, 67.2253)	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(55.9446, 61.0373,
67.2253)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D0CE
RGB	194, 208, 206
RGB Percent	76%, 82%, 81%
CMY	0.2392, 0.1843, 0.1922
CMYK	0.07, 0.00, 0.01, 0.18
HSL	171°, 13%, 79%
HSV	171°, 7%, 82%
XYZ	55.9446, 61.0373, 67.2253
YIQ	203.5860, -7.7020, -3.5900

Conversions

Conversions Part 2

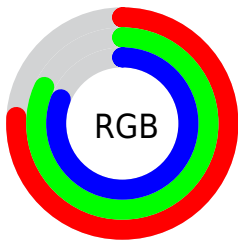
Format	Color
R_{YB}	194, 202, 208
Decimal	12767438
CIE Lab	82.40, -5.10, -0.65
CIE LCh	82, 5.146, 187.250
Yxy	61.0373, 0.3037, 0.3314
Android (android.graphics.Color)	4290957518 (0xFFC2D0CE)
YUV	203.5860, 1.1901, -8.4069
Hunter-Lab	78.1264, -8.9012, 3.6713

Details

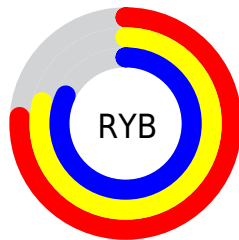
The XYZ color **55.9446, 61.0373, 67.2253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2703, 55.9806, 60.1198**, and the grayscale version is **57.1310, 60.1062, 65.4557**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **28.0383, 30.9536, 34.2026** is the 20% darker color. If you saturate the color by 10%, you get **50.6177, 58.3342, 65.1079**, and if you desaturate by 10%, it is **62.0291, 64.1335, 69.4164**.

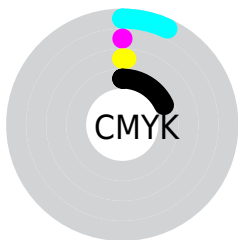
Distribution



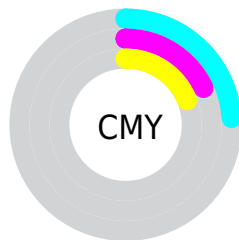
- Red (76%)
- Green (82%)
- Blue (81%)



- Red (76%)
- Yellow (79%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9446, 61.0373, 67.2253 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 55.9446, 61.0373, 67.2253 by changing the saturation by 10% instead.

■ 55.9446, 61.0373,
67.2253

■ 55.9446, 61.0373,
67.2253

399.5611,
428.4108, 469.2696

■ 40.3953, 44.2553,
48.8050

■ 98.0639, 106.3329,
116.8869

■ 28.0325, 30.8712,
34.1003

125.3645,
135.6153, 148.9653

■ 18.4907, 20.5008,
22.6927

157.3131,
169.8333, 186.4334

■ 11.4047, 12.7596,
14.1636

194.2749,
209.3713, 229.7099

■ 6.4090, 7.2632,
8.0945

236.6152,
254.6136, 279.2132

■ 3.1384, 3.6273,
4.0668

284.6994,

■ 1.2273, 1.4673,

305.9447, 335.3619

1.6621

338.8929,
363.7490, 398.5745

■ 0.1278, 0.2656,
0.3345

■ 0.0000, 0.0000,
0.0000

■ 55.9446, 61.0373,
67.2253

■ 55.9446, 61.0373,
67.2253

■ 50.6177, 58.3342,
65.1079

■ 62.0291, 64.1335,
69.4164

■ 46.0123, 56.0006,
63.0585

■ 68.8950, 67.6300,
71.6788

■ 42.0969, 54.0220,
61.0767

■ 76.0535, 71.2766,
73.9910

■ 38.8361, 52.3801,
59.1608

■ 76.4393, 71.4310,
76.0225

■ 36.1910, 51.0547,
57.3085

■ 76.8321, 71.5881,
78.0909

■ 34.1184, 50.0237,
55.5179

■ 77.2319, 71.7480,
80.1962

■ 32.5700, 49.2622,
53.7863

■ 77.6388, 71.9107,
82.3388

■ 31.4888, 48.7408,
52.1109

■ 78.0527, 72.0763,
84.5187

■ 30.8012, 48.4215,
50.4880

■ 78.4739, 72.2448,
86.7362

Harmonies

Analogous

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



56.0886, 61.0373, 64.1480



55.9446, 61.0373, 67.2253



56.3495, 61.0373, 70.1872

Triad

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



55.9446, 61.0373, 67.2253



59.3016, 61.0373, 71.3900



58.8345, 61.0373, 61.0370

Complementary

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



55.9446, 61.0373, 67.2253



55.2703, 55.9806, 60.1198

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.



59.7112, 61.0373, 62.8657



55.9446, 61.0373, 67.2253



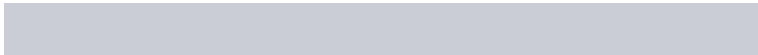
59.9832, 61.0373, 68.8253

Square

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



55.9446, 61.0373, 67.2253



58.2810, 61.0373, 72.6404



60.1341, 61.0373, 65.6990



57.7481, 61.0373, 60.6391

Rectangle

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



55.9446, 61.0373, 67.2253



56.8793, 61.0373, 71.6760



60.1341, 61.0373, 65.6990



59.1639, 61.0373, 61.5019

Sweetspot

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



55.9463, 61.0399, 67.2266



93.0813, 98.9986, 108.1959



55.0863, 60.7586, 59.8642



19.9438, 21.2003, 23.1658



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.



55.9463, 61.0399, 67.2266



87.4727, 96.1476, 106.1114



55.0147, 58.7847, 68.1245



12.0826, 13.3768, 14.7914



19.1093, 30.1366, 31.2852



1.0889, 1.6932, 1.8567

Inverse Universe

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



55.2703, 55.9806, 60.1198



86.1959, 86.5926, 92.6894



56.1526, 58.1078, 59.2963



11.8767, 11.8354, 12.6263



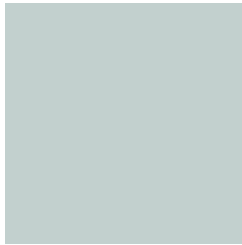
16.3781, 8.4241, 1.6311



0.9385, 0.4801, 0.2108

Previews

White Background



This preview shows how the XYZ color 55.9446, 61.0373, 67.2253 looks on a white background.

Color Contrast Check

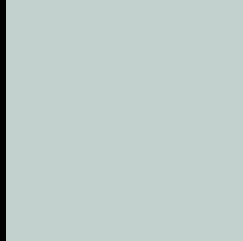
Large Text (above 18pt) WCAG AA × Fail

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 55.9446, 61.0373, 67.2253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

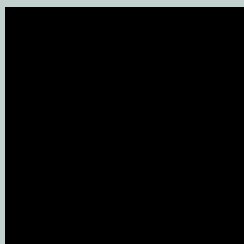
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

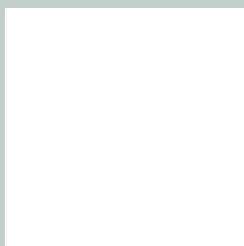
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9446, 61.0373, 67.2253

Background



This preview shows how black text looks on a background with the XYZ color 55.9446, 61.0373, 67.2253.



This preview shows how white text looks on a background with the XYZ color 55.9446, 61.0373,

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

55.9446, 61.0373, 67.2253

Protanopia

58.7864, 61.1007, 65.8220

Deuteranopia

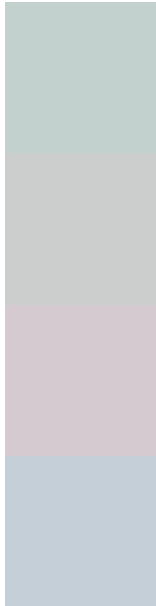
62.0107, 60.6302, 68.1090



Tritanopia

58.2821, 61.2869, 77.8650

Trichromacy



Original Color

55.9446, 61.0373, 67.2253

Protanomaly

57.7526, 60.9078, 66.4701

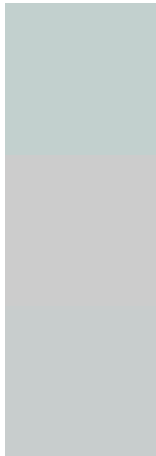
Deuteranomaly

59.5344, 60.7431, 67.6183

Tritanomaly

57.4724, 61.3193, 73.7724

Monochromacy



Original Color

55.9446, 61.0373, 67.2253

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.6702, 60.3498, 66.4194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9446, 61.0373, 67.2253 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(194, 208, 206)` looks like.

```
.text, #text, p{  
    color:rgb(194, 208, 206)  
}
```

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(194, 208, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 208, 206) }
```

Border

The CSS property to change the border of an element to XYZ 55.9446, 61.0373, 67.2253 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(194, 208, 206) }
```


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

```
.border{ border-color:rgb(194, 208, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 208, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 208, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 208, 206);  
box-shadow:4px 4px 4px 4px rgb(194, 208,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9446, 61.0373, 67.2253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 208, 206) }
```

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

```
.background{ background-color: rgb(194,  
208, 206) }
```

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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