

Converting Colors

XYZ(55.4196, 61.1491, 68.0534)

Have a look what the booklet for
XYZ(55.4196, 61.1491, 68.0534)
contains.

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Color

**XYZ(55.2982, 61.0531,
67.9014)**

Conversions

Conversions Part 1

Format	Color
Hex	BED1CF
RGB	190, 209, 207
RGB Percent	75%, 82%, 81%
CMY	0.2549, 0.1804, 0.1882
CMYK	0.09, 0.00, 0.01, 0.18
HSL	174°, 17%, 78%
HSV	174°, 9%, 82%
XYZ	55.2982, 61.0531, 67.9014
YIQ	203.0910, -10.6820, -4.6500

Conversions

Conversions Part 2

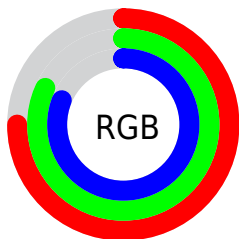
Format	Color
R_{YB}	190, 200, 209
Decimal	12505551
CIE _{Lab}	82.41, -6.76, -1.20
CIE _{LCh}	82, 6.868, 190.095
Yxy	61.0531, 0.3001, 0.3314
Android (android.graphics.Color)	4290695631 (0xFFBED1CF)
YUV	203.0910, 1.9271, -11.4808
Hunter-Lab	78.1365, -10.4121, 3.1719

Details

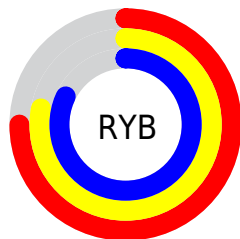
The XYZ color **55.2982, 61.0531, 67.9014** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2247, 54.1897, 57.4738**, and the grayscale version is **56.8164, 59.7753, 65.0953**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **27.7876, 31.0610, 34.6678** is the 20% darker color. If you saturate the color by 10%, you get **50.1807, 58.4475, 66.2667**, and if you desaturate by 10%, it is **61.1716, 64.0513, 69.5936**.

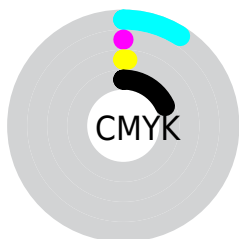
Distribution



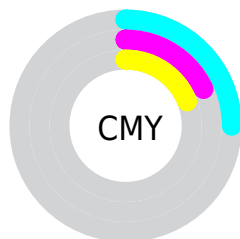
- Red (75%)
- Green (82%)
- Blue (81%)



- Red (75%)
- Yellow (78%)
- Blue (82%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (25%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2982, 61.0531, 67.9014 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 55.2982, 61.0531, 67.9014 by changing the saturation by 10% instead.

■ 55.2982, 61.0531,
67.9014

■ 55.2982, 61.0531,
67.9014

397.1594,
428.4687, 471.7352

■ 39.8753, 44.2680,
49.3513

■ 97.1235, 106.3558,
117.8640

■ 27.6251, 30.8813,
34.5307

124.2566,
135.6422, 150.1135

■ 18.1823, 20.5085,
23.0209

156.0239,
169.8646, 187.7667

■ 11.1814, 12.7652,
14.4035

192.7906,
209.4072, 231.2420

■ 6.2572, 7.2670,
8.2599

234.9221,
254.6546, 280.9579

■ 3.0442, 3.6297,
4.1716

282.7839,

■ 1.1772, 1.4686,

305.9910, 337.3331

1.7199

336.7412,
363.8009, 400.7860

■ 0.0882, 0.2665,
0.3743

■ 0.0000, 0.0000,
0.0000

■ 55.2982, 61.0531,
67.9014

■ 55.2982, 61.0531,
67.9014

■ 50.1807, 58.4475,
66.2667

■ 61.1716, 64.0513,
69.5936

■ 45.7820, 56.2104,
64.6840

■ 67.8254, 67.4497,
71.3408

■ 42.0700, 54.3268,
63.1528

■ 75.2896, 71.2654,
73.1456

■ 39.0079, 52.7779,
61.6715

■ 76.4123, 71.8115,
74.6736

■ 36.5556, 51.5428,
60.2380

■ 76.6988, 71.9261,
76.1823

■ 34.6683, 50.5987,
58.8502

■ 76.9891, 72.0422,
77.7113

■ 33.2953, 49.9192,
57.5055

■ 77.2833, 72.1599,
79.2605

■ 32.3765, 49.4735,
56.2012

■ 77.5814, 72.2791,
80.8300

■ 31.8135, 49.2107,
54.9326

■ 77.8833, 72.3999,
82.4200

Harmonies

Analogous

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



55.4191, 61.0531, 63.7659



55.2982, 61.0531, 67.9014



55.8996, 61.0531, 71.8121

Triad

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



55.2982, 61.0531, 67.9014



59.8635, 61.0531, 72.8447



58.9941, 61.0531, 59.1717

Complementary

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



55.2982, 61.0531, 67.9014



54.2247, 54.1897, 57.4738

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.



60.2121, 61.0531, 61.4119



55.2982, 61.0531, 67.9014



60.7199, 61.0531, 69.2628

Square

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



55.2982, 61.0531, 67.9014



58.5246, 61.0531, 74.7446



60.8485, 61.0531, 65.0716



57.5365, 61.0531, 58.8417

Rectangle

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



55.2982, 61.0531, 67.9014



56.6352, 61.0531, 73.7222



60.8485, 61.0531, 65.0716



59.4458, 61.0531, 59.7217

Sweetspot

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



55.2999, 61.0557, 67.9028



92.1617, 98.5260, 108.0885



53.8898, 60.5561, 57.5644



19.5652, 21.0064, 23.0893



0.0000, 0.0000, 0.0000



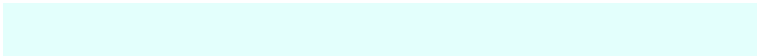
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2999, 61.0557, 67.9028



85.0003, 94.8738, 105.9638



53.7998, 57.6610, 68.6188



12.1024, 13.3847, 14.8958



19.6082, 30.3362, 33.9127



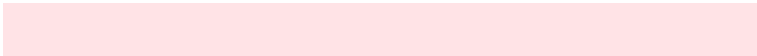
1.1122, 1.7025, 1.9793

Inverse Universe

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



54.2247, 54.1897, 57.4738



82.9653, 81.8788, 86.2258



55.6216, 57.3364, 56.8517



11.8587, 11.8282, 12.5316



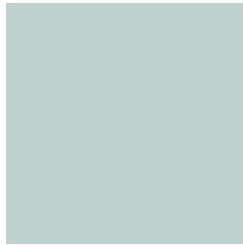
16.3195, 8.4006, 1.3226



0.9301, 0.4767, 0.1665

Previews

White Background



This preview shows how the XYZ color 55.2982, 61.0531, 67.9014 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 55.2982, 61.0531, 67.9014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

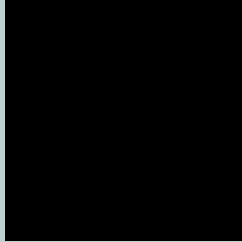
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

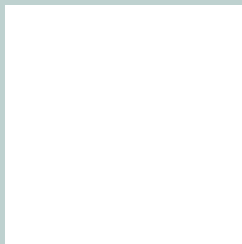
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2982, 61.0531, 67.9014

Background



This preview shows how black text looks on a background with the XYZ color 55.2982, 61.0531, 67.9014.



This preview shows how white text looks on a background with the XYZ color 55.2982, 61.0531,

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

55.2982, 61.0531, 67.9014

Protanopia

58.5044, 60.9553, 65.8088

Deuteranopia

61.8269, 60.5212, 68.7447



Tritanopia

57.6244, 61.2908, 78.6052

Trichromacy



Original Color

55.2982, 61.0531, 67.9014

Protanomaly

57.1781, 60.9679, 66.5120

Deuteranomaly

59.0840, 60.4968, 68.2375

Tritanomaly

56.8185, 61.3280, 74.4885

Monochromacy



Original Color

55.2982, 61.0531, 67.9014

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.0191, 60.0280, 65.7608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2982, 61.0531, 67.9014 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(190, 209, 207)` looks like.

```
.text, #text, p{  
    color:rgb(190, 209, 207)  
}
```

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(190, 209, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 209, 207) }
```

Border

The CSS property to change the border of an element to XYZ 55.2982, 61.0531, 67.9014 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(190, 209, 207) }
```


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

```
.border{ border-color:rgb(190, 209, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 209, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 209, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 209, 207);  
box-shadow:4px 4px 4px 4px rgb(190, 209,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2982, 61.0531, 67.9014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 209, 207) }
```

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

```
.background{ background-color: rgb(190,  
209, 207) }
```

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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