

Converting Colors

XYZ(54.7061, 60.0393, 67.1792)

Have a look what the booklet for
XYZ(54.7061, 60.0393, 67.1792)
contains.

XYZ(54.6886, 60.0290, 67.0969)	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(54.6886, 60.0290,
67.0969)**

Conversions

Conversions Part 1

Format	Color
Hex	BECFCE
RGB	190, 207, 206
RGB Percent	75%, 81%, 81%
CMY	0.2549, 0.1882, 0.1922
CMYK	0.08, 0.00, 0.00, 0.19
HSL	176°, 15%, 78%
HSV	176°, 8%, 81%
XYZ	54.6886, 60.0290, 67.0969
YIQ	201.8030, -9.8110, -3.9150

Conversions

Conversions Part 2

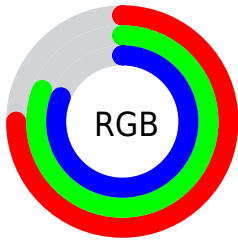
Format	Color
RYB	190, 199, 207
Decimal	12505038
CIELab	81.85, -5.92, -1.48
CIELCh	82, 6.098, 194.048
Yxy	60.0290, 0.3008, 0.3302
Android (android.graphics.Color)	4290695118 (0xFFBECFCE)
YUV	201.8030, 2.0691, -10.3512
Hunter-Lab	77.4784, -9.5918, 2.8893

Details

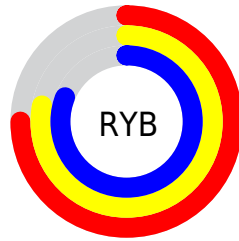
The XYZ color **54.6886, 60.0290, 67.0969** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5517, 53.8555, 56.8656**, and the grayscale version is **56.0095, 58.9264, 64.1708**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **27.3753, 30.3678, 34.1245** is the 20% darker color. If you saturate the color by 10%, you get **49.7338, 57.4934, 66.0947**, and if you desaturate by 10%, it is **60.3824, 62.9487, 68.1422**.

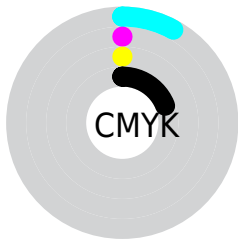
Distribution



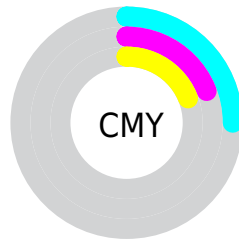
- Red (75%)
- Green (81%)
- Blue (81%)



- Red (75%)
- Yellow (78%)
- Blue (81%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6886, 60.0290, 67.0969 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 54.6886, 60.0290, 67.0969 by changing the saturation by 10% instead.

■ 54.6886, 60.0290,
67.0969

■ 54.6886, 60.0290,
67.0969

394.8861,
424.7047, 468.8005

■ 39.3853, 43.4420,
48.7013

■ 96.2355, 104.8717,
116.7012

■ 27.2417, 30.2321,
34.0187

123.2099,
133.8963, 148.7470

■ 17.8923, 20.0148,
22.6305

154.8053,
167.8354, 186.1799

■ 10.9719, 12.4058,
14.1181

191.3872,
207.0736, 229.4185

■ 6.1151, 7.0207,
8.0632

233.3209,
251.9953, 278.8813

■ 2.9565, 3.4750,
4.0471

280.9717,

■ 1.1308, 1.3845,

302.9847, 334.9869

1.6512

334.7049,
360.4264, 398.1538

■ 0.0507, 0.2052,
0.3270

■ 0.0000, 0.0000,
0.0000

■ 54.6886, 60.0290,
67.0969

■ 54.6886, 60.0290,
67.0969

■ 49.7338, 57.4934,
66.0947

■ 60.3824, 62.9487,
68.1422

■ 45.4819, 55.3184,
65.1302

■ 66.8389, 66.2598,
69.2279

■ 41.9018, 53.4896,
64.2032

■ 74.0873, 69.9790,
70.3567

■ 38.9577, 51.9886,
63.3118

■ 75.2976, 70.5853,
71.2090

■ 36.6109, 50.7953,
62.4544

■ 75.4512, 70.6468,
72.0180

■ 34.8182, 49.8875,
61.6289

■ 75.6060, 70.7087,
72.8331

■ 33.5305, 49.2400,
60.8329

■ 75.7619, 70.7711,
73.6543

■ 32.6904, 48.8231,
60.0638

■ 75.9190, 70.8339,
74.4817

■ 32.2117, 48.5923,
59.3176

■ 76.0773, 70.8972,
75.3153

Harmonies

Analogous

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



54.7093, 60.0290, 63.4329



54.6886, 60.0290, 67.0969



55.2955, 60.0290, 70.4138

Triad

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



54.6886, 60.0290, 67.0969



58.7937, 60.0290, 70.5889



57.7386, 60.0290, 58.7810

Complementary

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



54.6886, 60.0290, 67.0969



53.5517, 53.8555, 56.8656

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.



58.8530, 60.0290, 60.5566



54.6886, 60.0290, 67.0969



59.4684, 60.0290, 67.3286

Square

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



54.6886, 60.0290, 67.0969



57.6586, 60.0290, 72.4806



59.4903, 60.0290, 63.6560



56.4572, 60.0290, 58.7243

Rectangle

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



54.6886, 60.0290, 67.0969



55.9796, 60.0290, 71.9434



59.4903, 60.0290, 63.6560



58.1456, 60.0290, 59.1936

Sweetspot

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



54.6903, 60.0315, 67.0982



93.1501, 99.0262, 108.5584



53.1283, 59.4395, 57.3890



19.9579, 21.2059, 23.2396



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.



54.6903, 60.0315, 67.0982



86.0416, 95.3839, 107.2191



53.0689, 56.5930, 67.1609



12.1270, 13.3945, 15.0252



20.2617, 30.5976, 37.3536



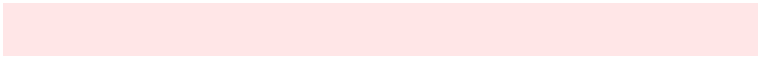
1.1423, 1.7146, 2.1379

Inverse Universe

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



53.5517, 53.8555, 56.8656



83.8223, 83.3455, 87.2739



55.0781, 57.0844, 56.8316



11.8366, 11.8194, 12.4154



16.2668, 8.3796, 1.0452



0.9197, 0.4726, 0.1119

Previews

White Background



This preview shows how the XYZ color 54.6886, 60.0290, 67.0969 looks on a white background.

Color Contrast Check

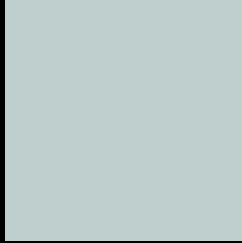
Large Text (above 18pt) WCAG AA × Fail

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 54.6886, 60.0290, 67.0969 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

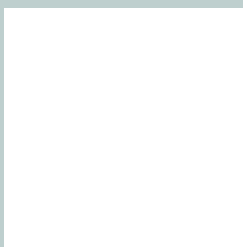
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6886, 60.0290, 67.0969

Background



This preview shows how black text looks on a background with the XYZ color 54.6886, 60.0290, 67.0969.



This preview shows how white text looks on a background with the XYZ color 54.6886, 60.0290,

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

54.6886, 60.0290, 67.0969

Protanopia

57.6321, 59.8183, 65.0085

Deuteranopia

61.1702, 59.8587, 68.0044



Tritanopia

56.8748, 60.2206, 77.0327

Trichromacy



Original Color

54.6886, 60.0290, 67.0969

Protanomaly

56.5793, 59.9629, 65.7187

Deuteranomaly

58.7275, 59.9799, 67.5135

Tritanomaly

56.2042, 60.3069, 73.6439

Monochromacy



Original Color

54.6886, 60.0290, 67.0969

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.6611, 59.5033, 65.0515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6886, 60.0290, 67.0969 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, 207, 206)` looks like.

```
.text, #text, p{  
    color:rgb(190, 207, 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(190, 207, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 207, 206) }
```

Border

The CSS property to change the border of an element to XYZ 54.6886, 60.0290, 67.0969 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, 207, 206) }
```


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

```
.border{ border-color:rgb(190, 207, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 207, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 207, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 207, 206);  
box-shadow:4px 4px 4px 4px rgb(190, 207,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6886, 60.0290, 67.0969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 207, 206) }
```

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

```
.background{ background-color: rgb(190,  
207, 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](#).

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