

Converting Colors

XYZ(55.4787, 65.9292, 57.6493)

Have a look what the booklet for
XYZ(55.4787, 65.9292, 57.6493)
contains.

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Color

**XYZ(55.4271, 65.9085,
57.3773)**

Conversions

Conversions Part 1

Format	Color
Hex	BBDDBC
RGB	187, 221, 188
RGB Percent	73%, 87%, 74%
CMY	0.2667, 0.1333, 0.2627
CMYK	0.15, 0.00, 0.15, 0.13
HSL	122°, 33%, 80%
HSV	122°, 15%, 87%
XYZ	55.4271, 65.9085, 57.3773
YIQ	207.0720, -9.6710, -17.4710

Conversions

Conversions Part 2

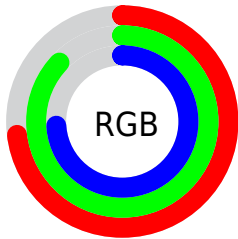
Format	Color
RYB	187, 220, 221
Decimal	12311996
CIELab	84.95, -17.40, 12.51
CIELCh	85, 21.426, 144.284
Yxy	65.9085, 0.3101, 0.3688
Android (android.graphics.Color)	4290502076 (0xFFBBDDBC)
YUV	207.0720, -9.4025, -17.6031
Hunter-Lab	81.1841, -20.2041, 14.9253

Details

The XYZ color **55.4271, 65.9085, 57.3773** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60.5097, 56.0817, 75.3488**, and the grayscale version is **59.4192, 62.5136, 68.0773**.

A 20% lighter version of the original color is **89.0513, 97.1063, 99.6378**, and **27.6823, 34.0083, 28.0269** is the 20% darker color. If you saturate the color by 10%, you get **48.2878, 62.4776, 45.8566**, and if you desaturate by 10%, it is **63.7458, 69.9115, 70.7500**.

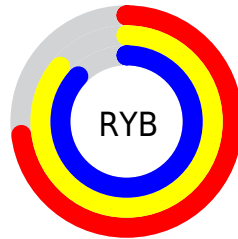
Distribution



Red (73%)

Green (87%)

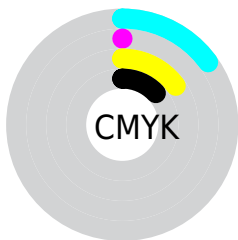
Blue (74%)



Red (73%)

Yellow (86%)

Blue (87%)

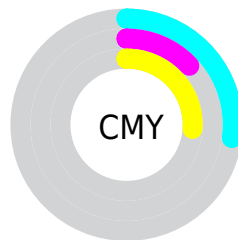


Cyan (15%)

Magenta (0%)

Yellow (15%)

Black (13%)



Cyan (27%)

Magenta (13%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4271, 65.9085, 57.3773 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 55.4271, 65.9085, 57.3773 by changing the saturation by 10% instead.

■ 55.4271, 65.9085,
57.3773

■ 55.4271, 65.9085,
57.3773

397.6390,
446.0496, 432.3949

■ 39.9790, 48.1981,
40.8969

■ 97.3111, 113.3550,
102.5213

■ 27.7063, 33.9838,
27.9194

124.4777,
143.8599, 132.0220

■ 18.2437, 22.8812,
18.0264

156.2812,
179.3985, 166.6997

■ 11.2258, 14.5058,
10.7993

193.0869,
220.3550, 206.9732

■ 6.2874, 8.4733,
5.8196

235.2602,
267.1141, 253.2609

■ 3.0629, 4.3993,
2.6687

283.1664,

■ 1.1871, 1.8993,

320.0599, 305.9814

0.9276

337.1709,
379.5769, 365.5532

0.0962, 0.5480,
0.0000

0.0000, 0.0000,
0.0000

55.4271, 65.9085,
57.3773

55.4271, 65.9085,
57.3773

48.2878, 62.4776,
45.8566

63.7458, 69.9115,
70.7500

42.2695, 59.5847,
36.1022

73.2881, 74.5020,
86.0467

37.3169, 57.2051,
28.0282

84.1027, 79.7056,
103.3408

33.3679, 55.3088,
21.5396

85.1477, 80.1954,
105.5992

■ 30.3539, 53.8628,
16.5323

■ 28.1977, 52.8296,
12.8896

■ 26.8101, 52.1662,
10.4771

■ 26.0819, 51.8198,
9.1336

■ 25.8933, 51.7296,
8.8068

Harmonies

Analogous

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



58.9149, 65.9085, 50.2153



55.4271, 65.9085, 57.3773



53.8801, 65.9085, 69.1559

Triad

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



55.4271, 65.9085, 57.3773



61.7269, 65.9085, 101.4953



71.4633, 65.9085, 61.4063

Complementary

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



55.4271, 65.9085, 57.3773



60.5097, 56.0817, 75.3488

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.



72.3103, 65.9085, 74.4351



55.4271, 65.9085, 57.3773



66.5274, 65.9085, 98.7322

Square

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



55.4271, 65.9085, 57.3773



57.3958, 65.9085, 95.5030



70.4618, 65.9085, 88.3725



68.2028, 65.9085, 52.3245

Rectangle

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



55.4271, 65.9085, 57.3773



54.0975, 65.9085, 78.5026



70.4618, 65.9085, 88.3725



72.0464, 65.9085, 65.4209

Sweetspot

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



55.4289, 65.9113, 57.3787



88.5849, 96.8899, 98.5302



64.4755, 70.5874, 57.2411



18.7738, 20.6485, 20.7893



0.0000, 0.0000, 0.0000



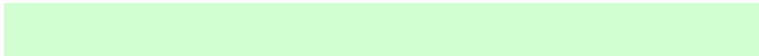
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4289, 65.9113, 57.3787



73.7719, 89.7655, 74.7057



57.3192, 66.6674, 67.3328



12.9020, 14.6124, 13.9468



15.0483, 30.0520, 5.1540



0.9805, 1.9491, 0.3633

Inverse Universe

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



60.5097, 56.0817, 75.3488



81.8983, 74.0433, 103.4473



58.4225, 55.2468, 64.3575



13.5970, 13.2679, 16.4049



24.4179, 11.7682, 38.1763



1.5872, 0.7645, 2.5013

Previews

White Background



This preview shows how the XYZ color 55.4271, 65.9085, 57.3773 looks on a white background.

Color Contrast Check

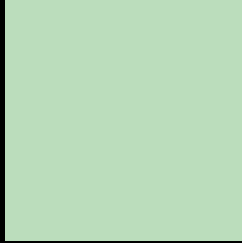
Large Text (above 18pt) WCAG AA × Fail

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 55.4271, 65.9085, 57.3773 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 55.4271, 65.9085, 57.3773

Background



This preview shows how black text looks on a background with the XYZ color 55.4271, 65.9085, 57.3773.



This preview shows how white text looks on a background with the XYZ color 55.4271, 65.9085,

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

55.4271, 65.9085, 57.3773

Protanopia

61.9657, 65.5370, 54.1837

Deuteranopia

66.9320, 65.4726, 58.4000



Tritanopia

61.1141, 65.8964, 85.8422

Trichromacy



Original Color

55.4271, 65.9085, 57.3773

Protanomaly

59.3519, 65.6590, 55.4442

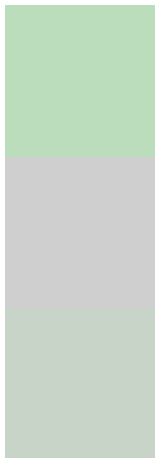
Deuteranomaly

62.1597, 65.1830, 58.0206

Tritanomaly

58.6934, 65.6599, 74.5459

Monochromacy



Original Color

55.4271, 65.9085, 57.3773

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.7882, 63.5365, 63.8616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4271, 65.9085, 57.3773 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(187, 221, 188)` looks like.

```
.text, #text, p{  
    color:rgb(187, 221, 188)  
}
```

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(187, 221, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 221, 188) }
```

Border

The CSS property to change the border of an element to XYZ 55.4271, 65.9085, 57.3773 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(187, 221, 188) }
```


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

```
.border{ border-color:rgb(187, 221, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 221, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 221, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 221, 188);  
box-shadow:4px 4px 4px 4px rgb(187, 221,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4271, 65.9085, 57.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 221, 188) }
```

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

```
.background{ background-color: rgb(187,  
221, 188) }
```

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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