

Converting Colors

XYZ(55.4065, 65.5124, 57.3004)

Have a look what the booklet for
XYZ(55.4065, 65.5124, 57.3004)
contains.

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Color

**XYZ(55.4093, 65.5086,
57.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDCBC
RGB	188, 220, 188
RGB Percent	74%, 86%, 74%
CMY	0.2627, 0.1372, 0.2627
CMYK	0.15, 0.00, 0.15, 0.14
HSL	120°, 31%, 80%
HSV	120°, 15%, 86%
XYZ	55.4093, 65.5086, 57.3010
YIQ	206.7840, -8.8000, -16.7360

Conversions

Conversions Part 2

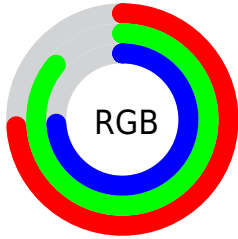
Format	Color
R_{YB}	188, 220, 220
Decimal	12377276
CIE _{Lab}	84.75, -16.56, 12.23
CIE _{LCh}	85, 20.584, 143.559
Yxy	65.5086, 0.3109, 0.3676
Android (android.graphics.Color)	4290567356 (0xFFBCDCBC)
YUV	206.7840, -9.2605, -16.4736
Hunter-Lab	80.9374, -19.4403, 14.6808

Details

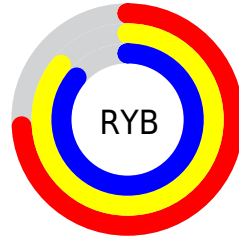
The XYZ color **55.4093, 65.5086, 57.3010** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60.4190, 56.3508, 75.4054**, and the grayscale version is **59.2324, 62.3171, 67.8633**.

A 20% lighter version of the original color is **89.3974, 97.2848, 99.6540**, and **27.6598, 33.7279, 27.9740** is the 20% darker color. If you saturate the color by 10%, you get **48.2036, 62.0493, 45.5133**, and if you desaturate by 10%, it is **63.8064, 69.5441, 71.0343**.

Distribution



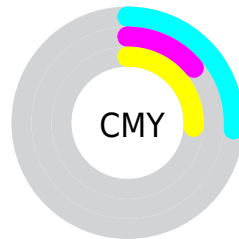
- Red (74%)
- Green (86%)
- Blue (74%)



- Red (74%)
- Yellow (86%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4093, 65.5086, 57.3010 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 55.4093, 65.5086, 57.3010 by changing the saturation by 10% instead.

■ 55.4093, 65.5086,
57.3010

■ 55.4093, 65.5086,
57.3010

397.5728,
444.6174, 432.1015

■ 39.9647, 47.8736,
40.8360

■ 97.2852, 112.7808,
102.4089

■ 27.6951, 33.7268,
27.8722

124.4472,
143.1867, 131.8890

■ 18.2352, 22.6838,
17.9912

156.2457,
178.6184, 166.5444

■ 11.2197, 14.3602,
10.7743

193.0460,
219.4603, 206.7937

■ 6.2832, 8.3716,
5.8030

235.2135,
266.0967, 253.0556

■ 3.0603, 4.3336,
2.6588

283.1136,

■ 1.1857, 1.8619,

318.9122, 305.7485

0.9226

337.1115,
378.2909, 365.2910

■ 0.0951, 0.5253,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4093, 65.5086,
57.3010

■ 55.4093, 65.5086,
57.3010

■ 48.2036, 62.0493,
45.5133

■ 63.8064, 69.5441,
71.0343

■ 42.1303, 59.1319,
35.5794

■ 73.4396, 74.1714,
86.7911

■ 37.1334, 56.7317,
27.4061

■ 84.3581, 79.4162,
104.6501

■ 33.1503, 54.8184,
20.8908

■ 84.8845, 79.6690,
105.5115

■ 30.1115, 53.3587,
15.9203

■ 27.9391, 52.3152,
12.3669

■ 26.5429, 51.6445,
10.0829

■ 25.8124, 51.2937,
8.8881

■ 25.5945, 51.1890,
8.5316

Harmonies

Analogous

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



58.7917, 65.5086, 50.5174



55.4093, 65.5086, 57.3010



53.8737, 65.5086, 68.5209

Triad

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



55.4093, 65.5086, 57.3010



61.2760, 65.5086, 99.6085



70.7377, 65.5086, 61.6650

Complementary

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



55.4093, 65.5086, 57.3010



60.4190, 56.3508, 75.4054

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.



71.4830, 65.5086, 74.2102



55.4093, 65.5086, 57.3010



65.8704, 65.5086, 97.1877

Square

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



55.4093, 65.5086, 57.3010



57.1514, 65.5086, 93.7334



69.6618, 65.5086, 87.4749



67.6727, 65.5086, 52.8114

Rectangle

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



55.4093, 65.5086, 57.3010



54.0472, 65.5086, 77.4394



69.6618, 65.5086, 87.4749



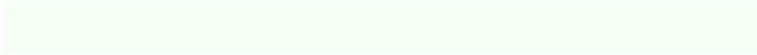
71.2739, 65.5086, 65.5464

Sweetspot

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



55.4111, 65.5114, 57.3024



89.7974, 97.4769, 100.3085



64.1884, 70.0363, 57.7128



19.0157, 20.7658, 21.1354



0.0000, 0.0000, 0.0000



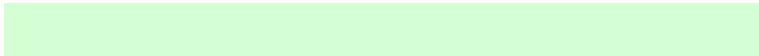
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4111, 65.5114, 57.3024



74.6503, 90.2010, 75.5328



57.2332, 66.2403, 66.8978



12.8866, 14.6063, 13.8657



15.0204, 30.0408, 5.0069



0.9731, 1.9462, 0.3244

Inverse Universe

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



60.4190, 56.3508, 75.4054



82.7459, 75.3921, 104.7979



58.3996, 55.5431, 64.7715



13.6144, 13.2749, 16.4968



24.9034, 11.9624, 40.7329



1.6134, 0.7750, 2.6389

Previews

White Background



This preview shows how the XYZ color 55.4093, 65.5086, 57.3010 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 55.4093, 65.5086, 57.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

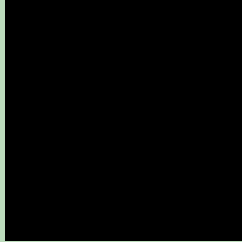
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4093, 65.5086, 57.3010

Background



This preview shows how black text looks on a background with the XYZ color 55.4093, 65.5086, 57.3010.

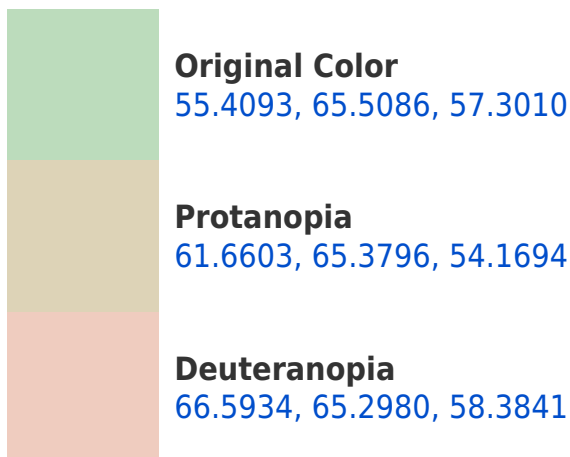


This preview shows how white text looks on a background with the XYZ color 55.4093, 65.5086,

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





Tritanopia

60.9760, 65.4648, 85.0235

Trichromacy



Original Color

55.4093, 65.5086, 57.3010

Protanomaly

59.0980, 65.1512, 55.3596

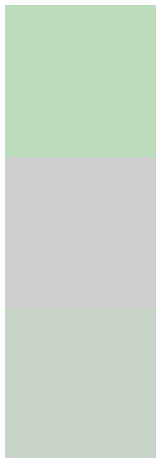
Deuteranomaly

61.8561, 65.0265, 58.0064

Tritanomaly

58.5598, 65.2245, 73.7931

Monochromacy



Original Color

55.4093, 65.5086, 57.3010

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 55.4093, 65.5086, 57.3010 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(188, 220, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 220, 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(188, 220, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 220, 188) }
```

Border

The CSS property to change the border of an element to XYZ 55.4093, 65.5086, 57.3010 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(188, 220, 188) }
```


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

```
.border{ border-color:rgb(188, 220, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 220, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 220, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 220, 188);  
box-shadow:4px 4px 4px 4px rgb(188, 220,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4093, 65.5086, 57.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 220, 188) }
```

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

```
.background{ background-color: rgb(188,  
220, 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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