

Converting Colors

XYZ(55.5445, 65.0062, 58.0083)

Have a look what the booklet for
XYZ(55.5445, 65.0062, 58.0083)
contains.

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Color

**XYZ(55.5031, 65.1560,
57.7951)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDDBD
RGB	189, 219, 189
RGB Percent	74%, 86%, 74%
CMY	0.2588, 0.1412, 0.2588
CMYK	0.14, 0.00, 0.14, 0.14
HSL	120°, 29%, 80%
HSV	120°, 14%, 86%
XYZ	55.5031, 65.1560, 57.7951
YIQ	206.6100, -8.2500, -15.6900

Conversions

Conversions Part 2

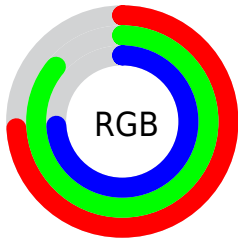
Format	Color
RYB	189, 219, 219
Decimal	12442557
CIELab	84.56, -15.54, 11.45
CIELCh	85, 19.306, 143.618
Yxy	65.1560, 0.3110, 0.3651
Android (android.graphics.Color)	4290632637 (0xFFBDDDBD)
YUV	206.6100, -8.6817, -15.4440
Hunter-Lab	80.7193, -18.5209, 14.0518

Details

The XYZ color **55.5031, 65.1560, 57.7951** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60.1996, 56.5713, 74.7675**, and the grayscale version is **59.1167, 62.1953, 67.7307**.

A 20% lighter version of the original color is **89.8976, 97.5250, 100.4723**, and **27.7111, 33.4794, 28.2942** is the 20% darker color. If you saturate the color by 10%, you get **48.2749, 61.6858, 45.9706**, and if you desaturate by 10%, it is **63.9142, 69.1982, 71.5515**.

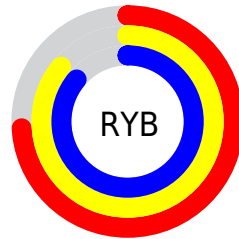
Distribution



Red (74%)

Green (86%)

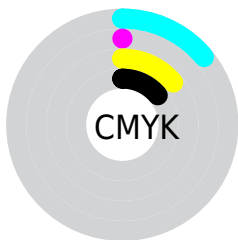
Blue (74%)



Red (74%)

Yellow (86%)

Blue (86%)

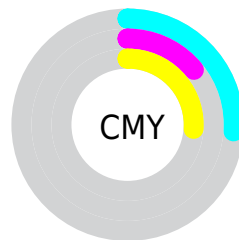


Cyan (14%)

Magenta (0%)

Yellow (14%)

Black (14%)



Cyan (26%)

Magenta (14%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5031, 65.1560, 57.7951 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 55.5031, 65.1560, 57.7951 by changing the saturation by 10% instead.

■ 55.5031, 65.1560,
57.7951

■ 55.5031, 65.1560,
57.7951

397.9216,
443.3524, 433.9989

■ 40.0401, 47.5876,
41.2303

■ 97.4217, 112.2741,
103.1362

■ 27.7542, 33.5004,
28.1781

124.6080,
142.5926, 132.7497

■ 18.2799, 22.5101,
18.2197

156.4329,
177.9299, 167.5498

■ 11.2521, 14.2322,
10.9368

193.2615,
218.6704, 207.9551

■ 6.3052, 8.2823,
5.9107

235.4594,
265.1985, 254.3841

■ 3.0739, 4.2761,
2.7229

283.3918,

■ 1.1930, 1.8292,

317.8986, 307.2554

0.9549

337.4241,
377.1551, 366.9875

■ 0.1008, 0.5053,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5031, 65.1560,
57.7951

■ 55.5031, 65.1560,
57.7951

■ 48.2749, 61.6858,
45.9706

■ 63.9142, 69.1982,
71.5515

■ 42.1716, 58.7541,
35.9875

■ 73.5523, 73.8279,
87.3162

■ 37.1382, 56.3363,
27.7544

■ 84.4656, 79.0701,
105.1669

■ 33.1131, 54.4029,
21.1707

■ 84.6228, 79.1456,
105.4243

■ 30.0285, 52.9212,
16.1252

■ 27.8080, 51.8546,
12.4932

■ 26.3637, 51.1608,
10.1307

■ 25.5887, 50.7885,
8.8629

■ 25.3328, 50.6656,
8.4443

Harmonies

Analogous

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



58.6725, 65.1560, 51.3708



55.5031, 65.1560, 57.7951



54.0641, 65.1560, 68.3422

Triad

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



55.5031, 65.1560, 57.7951



61.0136, 65.1560, 97.1970



69.8239, 65.1560, 61.8667

Complementary

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



55.5031, 65.1560, 57.7951



60.1996, 56.5713, 74.7675

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.



70.5215, 65.1560, 73.6106



55.5031, 65.1560, 57.7951



65.3035, 65.1560, 94.9470

Square

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



55.5031, 65.1560, 57.7951



57.1492, 65.1560, 91.7839



68.8323, 65.1560, 85.9493



66.9678, 65.1560, 53.5242

Rectangle

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



55.5031, 65.1560, 57.7951



54.2299, 65.1560, 76.6711



68.8323, 65.1560, 85.9493



70.3239, 65.1560, 65.5091

Sweetspot

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



55.5049, 65.1588, 57.7965



89.7974, 97.4769, 100.3084



63.7331, 69.4006, 58.1814



19.0157, 20.7658, 21.1354



0.0000, 0.0000, 0.0000



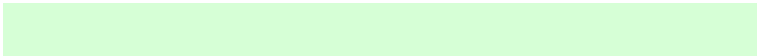
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5049, 65.1588, 57.7965



75.7132, 90.7115, 77.2712



57.2188, 65.8444, 66.8222



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.



60.1996, 56.5713, 74.7675



83.3871, 76.6744, 105.0120



58.3122, 55.8164, 64.8289



13.6144, 13.2749, 16.4968



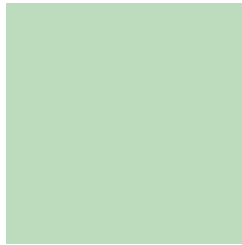
24.9036, 11.9625, 40.7338



1.6134, 0.7750, 2.6389

Previews

White Background



This preview shows how the XYZ color 55.5031, 65.1560, 57.7951 looks on a white background.

Color Contrast Check

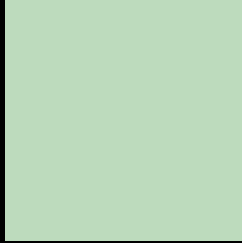
Large Text (above 18pt) WCAG AA × Fail

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 55.5031, 65.1560, 57.7951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

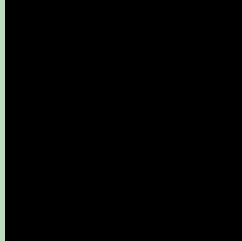
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5031, 65.1560, 57.7951

Background



This preview shows how black text looks on a background with the XYZ color 55.5031, 65.1560, 57.7951.

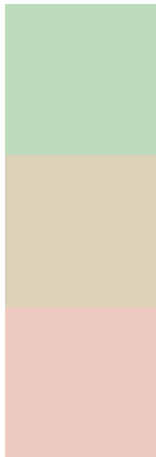


This preview shows how white text looks on a background with the XYZ color 55.5031, 65.1560,

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

55.5031, 65.1560, 57.7951

Protanopia

61.2135, 64.7695, 54.6229

Deuteranopia

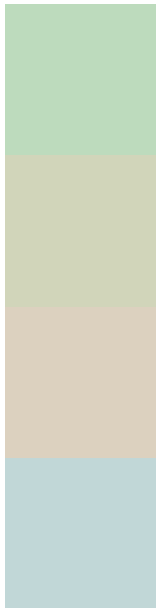
66.1303, 64.6948, 58.8711



Tritanopia

60.8421, 65.0374, 84.2097

Trichromacy



Original Color

55.5031, 65.1560, 57.7951

Protanomaly

58.9517, 64.6890, 55.8335

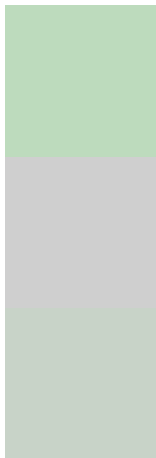
Deuteranomaly

61.7196, 64.5782, 58.5021

Tritanomaly

58.5585, 64.8446, 73.7199

Monochromacy



Original Color

55.5031, 65.1560, 57.7951

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.5390, 63.0380, 63.7785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5031, 65.1560, 57.7951 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(189, 219, 189)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 189)  
}
```

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(189, 219, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 189) }
```

Border

The CSS property to change the border of an element to XYZ 55.5031, 65.1560, 57.7951 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(189, 219, 189) }
```


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

```
.border{ border-color:rgb(189, 219, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 219, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 189);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5031, 65.1560, 57.7951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 189) }
```

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

```
.background{ background-color: rgb(189,  
219, 189) }
```

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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