

Converting Colors

XYZ(57.4868, 68.3199, 55.3524)

Have a look what the booklet for
XYZ(57.4868, 68.3199, 55.3524)
contains.

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Color

**XYZ(57.5555, 68.2413,
55.4858)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E0B8
RGB	194, 224, 184
RGB Percent	76%, 88%, 72%
CMY	0.2392, 0.1215, 0.2784
CMYK	0.13, 0.00, 0.18, 0.12
HSL	105°, 39%, 80%
HSV	105°, 18%, 88%
XYZ	57.5555, 68.2413, 55.4858
YIQ	210.4700, -5.0400, -18.8000

Conversions

Conversions Part 2

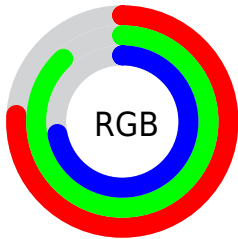
Format	Color
RYB	184, 224, 214
Decimal	12771512
CIELab	86.13, -17.19, 16.33
CIElCh	86, 23.712, 136.466
Yxy	68.2413, 0.3175, 0.3764
Android (android.graphics.Color)	4290961592 (0xFFC2E0B8)
YUV	210.4700, -13.0497, -14.4442
Hunter-Lab	82.6083, -20.1986, 18.0023

Details

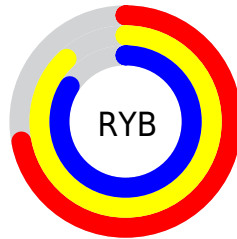
The XYZ color **57.5555, 68.2413, 55.4858** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.3294, 53.9609, 77.8658**, and the grayscale version is **61.6546, 64.8654, 70.6384**.

A 20% lighter version of the original color is **91.2718, 98.3205, 96.6053**, and **29.0999, 35.5901, 26.8086** is the 20% darker color. If you saturate the color by 10%, you get **51.3202, 65.2791, 43.8922**, and if you desaturate by 10%, it is **64.6539, 71.6095, 69.0635**.

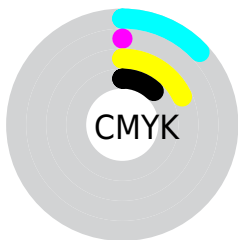
Distribution



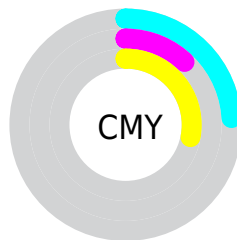
- Red (76%)
- Green (88%)
- Blue (72%)



- Red (72%)
- Yellow (88%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (18%)
- Black (12%)





- Cyan (24%)
- Magenta (12%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5555, 68.2413, 55.4858 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 57.5555, 68.2413, 55.4858 by changing the saturation by 10% instead.


 57.5555, 68.2413,
55.4858

 57.5555, 68.2413,
55.4858


405.5082,
454.3505, 425.0845

 41.6933, 50.0941,
39.3896


 100.4020,
116.6973, 99.7306

 29.0513, 35.4881,
26.7528


128.1169,
147.7748, 128.7163

 19.2641, 24.0391,
17.1568


160.5135,
183.9312, 162.8356

 11.9664, 15.3627,
10.1832

197.9571,
225.5509, 202.5070

 6.7928, 9.0743,
5.4134

240.8130,
273.0183, 248.1491

 3.3780, 4.7897,
2.4289

289.4465,

 1.3567, 2.1244,

326.7178, 300.1803

0.8021

344.2232,
387.0337, 359.0193

■ 0.2251, 0.6783,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5555, 68.2413,
55.4858

■ 57.5555, 68.2413,
55.4858

■ 51.3202, 65.2791,
43.8922

■ 64.6539, 71.6095,
69.0635

■ 45.9089, 62.6987,
34.1855

■ 72.6416, 75.3893,
84.7075

■ 41.2875, 60.4867,
26.2672

■ 81.5505, 79.5975,
102.5006

■ 37.4174, 58.6257,
20.0278

■ 85.9470, 81.7940,
105.8657

■ 34.2564, 57.0965,
15.3460

■ 31.7579, 55.8781,
12.0842

■ 29.8689, 54.9467,
10.0805

■ 28.5221, 54.2725,
9.1101

■ 28.2875, 54.1545,
8.9620

Harmonies

Analogous

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



61.9355, 68.2413, 49.0739



57.5555, 68.2413, 55.4858



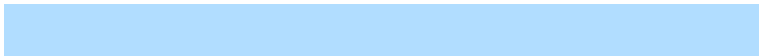
55.1953, 68.2413, 67.4974

Triad

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



57.5555, 68.2413, 55.4858



62.4392, 68.2413, 107.4753



75.4410, 68.2413, 66.1153

Complementary

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



57.5555, 68.2413, 55.4858



58.3294, 53.9609, 77.8658

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.



75.5947, 68.2413, 81.5517



57.5555, 68.2413, 55.4858



67.8778, 68.2413, 106.9676

Square

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



57.5555, 68.2413, 55.4858



57.9064, 68.2413, 98.2589



72.7606, 68.2413, 96.9561



72.3519, 68.2413, 54.5966

Rectangle

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



57.5555, 68.2413, 55.4858



54.9941, 68.2413, 77.7352



72.7606, 68.2413, 96.9561



75.8434, 68.2413, 70.9737

Sweetspot

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



57.5573, 68.2442, 55.4873



89.6334, 97.4370, 98.2844



63.4416, 67.4041, 55.0150



19.0276, 20.7809, 20.7299



0.0000, 0.0000, 0.0000



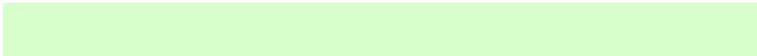
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5573, 68.2442, 55.4873



74.3317, 90.1804, 69.0252



56.1625, 67.3997, 61.0899



13.8482, 15.5019, 14.5691



16.5534, 31.5661, 5.2204



1.2286, 2.2299, 0.3657

Inverse Universe

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



58.3294, 53.9609, 77.8658



75.5275, 68.0125, 103.7547



60.0210, 54.9851, 71.0709



13.9430, 13.7541, 17.3076



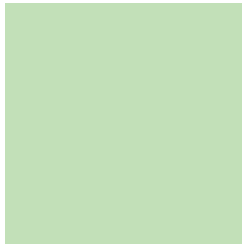
17.3425, 8.0357, 41.6854



1.2823, 0.5983, 2.8931

Previews

White Background



This preview shows how the XYZ color 57.5555, 68.2413, 55.4858 looks on a white background.

Color Contrast Check

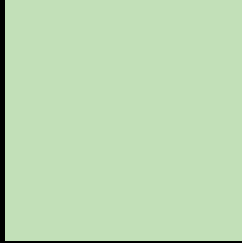
Large Text (above 18pt) WCAG AA × Fail

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 57.5555, 68.2413, 55.4858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

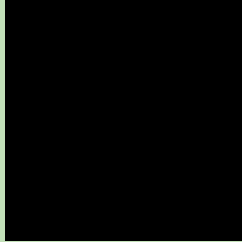
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5555, 68.2413, 55.4858

Background



This preview shows how black text looks on a background with the XYZ color 57.5555, 68.2413, 55.4858.



This preview shows how white text looks on a background with the XYZ color 57.5555, 68.2413, 55.4858.

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

57.5555, 68.2413, 55.4858

Protanopia

64.1157, 68.1864, 52.4299

Deuteranopia

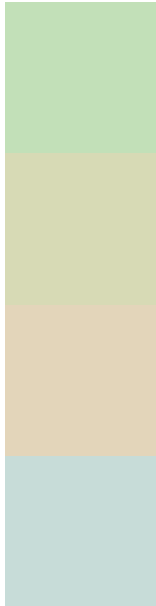
69.2885, 67.8063, 56.4497



Tritanopia

64.0213, 68.1228, 87.6166

Trichromacy



Original Color

57.5555, 68.2413, 55.4858

Protanomaly

61.4362, 67.9261, 53.5891

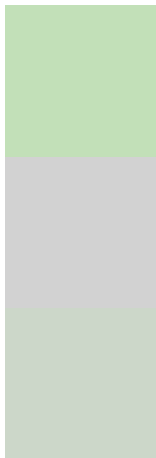
Deuteranomaly

64.3357, 67.4646, 56.0855

Tritanomaly

61.5411, 68.2864, 74.9028

Monochromacy



Original Color

57.5555, 68.2413, 55.4858

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.7449, 65.6553, 64.7822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5555, 68.2413, 55.4858 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(194, 224, 184)` looks like.

```
.text, #text, p{  
    color:rgb(194, 224, 184)  
}
```

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(194, 224, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 224, 184) }
```

Border

The CSS property to change the border of an element to XYZ 57.5555, 68.2413, 55.4858 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(194, 224, 184) }
```


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

```
.border{ border-color:rgb(194, 224, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 224, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 224, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 224, 184);  
box-shadow:4px 4px 4px 4px rgb(194, 224,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5555, 68.2413, 55.4858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 224, 184) }
```

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

```
.background{ background-color: rgb(194,  
224, 184) }
```

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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