

Converting Colors

XYZ(55.1170, 68.2264, 54.3078)

Have a look what the booklet for
XYZ(55.1170, 68.2264, 54.3078)
contains.

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Color

**XYZ(55.2040, 68.2607,
54.5220)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E3B6
RGB	182, 227, 182
RGB Percent	71%, 89%, 71%
CMY	0.2863, 0.1098, 0.2863
CMYK	0.20, 0.00, 0.20, 0.11
HSL	120°, 45%, 80%
HSV	120°, 20%, 89%
XYZ	55.2040, 68.2607, 54.5220
YIQ	208.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

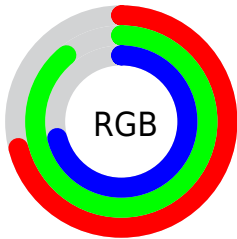
Format	Color
RYB	182, 227, 227
Decimal	11985846
CIELab	86.14, -23.07, 17.28
CIELCh	86, 28.826, 143.171
Yxy	68.2607, 0.3102, 0.3835
Android (android.graphics.Color)	4290175926 (0xFFB6E3B6)
YUV	208.4150, -13.0226, -23.1660
Hunter-Lab	82.6200, -25.3172, 18.7078

Details

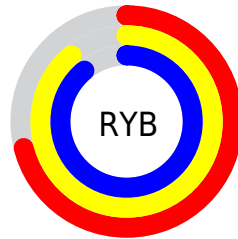
The XYZ color **55.2040, 68.2607, 54.5220** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62.2740, 55.3344, 80.0746**, and the grayscale version is **60.3128, 63.4538, 69.1011**.

A 20% lighter version of the original color is **86.4525, 95.8702, 94.8372**, and **27.4274, 35.3000, 26.1369** is the 20% darker color. If you saturate the color by 10%, you get **48.1125, 64.8563, 42.9210**, and if you desaturate by 10%, it is **63.5486, 72.2710, 68.1695**.

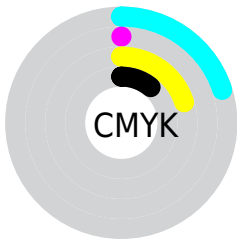
Distribution



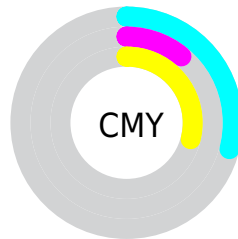
- Red (71%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)





- Cyan (29%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2040, 68.2607, 54.5220 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 55.2040, 68.2607, 54.5220 by changing the saturation by 10% instead.


 55.2040, 68.2607,
54.5220

 55.2040, 68.2607,
54.5220


396.8086,
454.4191, 421.3282

 39.7996, 50.1099,
38.6231


 96.9864, 116.7250,
98.3044

 27.5658, 35.5007,
26.1611


124.0950,
147.8073, 127.0250

 18.1374, 24.0488,
16.7174


155.8357,
183.9688, 160.8565

 11.1490, 15.3698,
9.8734

192.5740,
225.5940, 200.2177

 6.2352, 9.0794,
5.2106

234.6750,
273.0672, 245.5268

 3.0306, 4.7930,
2.3104


282.5042,

 1.1700, 2.1263,


326.7729, 297.2026


0.7371


336.4270,
387.0954, 355.6636


 0.0825, 0.6794,
0.0000


 0.0000, 0.0000,
0.0000


 55.2040, 68.2607,
54.5220


 55.2040, 68.2607,
54.5220


 48.1125, 64.8563,
42.9210


 63.5486, 72.2710,
68.1695


 42.2084, 62.0203,
33.2638

 73.1967, 76.9056,
83.9508

 37.4285, 59.7242,
25.4454

 84.2030, 82.1924,
101.9534

 33.7015, 57.9340,
19.3492

 86.7604, 83.4209,
106.1368

■ 30.9480, 56.6113,
14.8453

■ 29.0773, 55.7128,
11.7853

■ 27.9817, 55.1865,
9.9932

■ 27.4776, 54.9443,
9.1686

■ 27.4705, 54.9409,
9.1569

Harmonies

Analogous

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



59.9932, 68.2607, 45.5655



55.2040, 68.2607, 54.5220



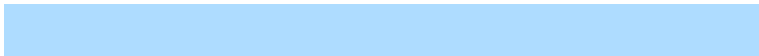
53.0305, 68.2607, 70.0680

Triad

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



55.2040, 68.2607, 54.5220



63.3760, 68.2607, 116.7741



77.3157, 68.2607, 60.8680

Complementary

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



55.2040, 68.2607, 54.5220



62.2740, 55.3344, 80.0746

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.



78.3744, 68.2607, 78.7495



55.2040, 68.2607, 54.5220



70.0247, 68.2607, 113.1826

Square

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



55.2040, 68.2607, 54.5220



57.5362, 68.2607, 107.5344



75.6248, 68.2607, 98.4203



72.8230, 68.2607, 48.7700

Rectangle

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



55.2040, 68.2607, 54.5220



53.2448, 68.2607, 82.9549



75.6248, 68.2607, 98.4203



78.0970, 68.2607, 66.3141

Sweetspot

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



55.2058, 68.2636, 54.5235



87.2771, 96.2663, 96.1860



67.5942, 74.6501, 55.1029



18.5080, 20.5219, 20.3049



0.0000, 0.0000, 0.0000



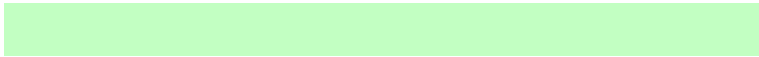
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2058, 68.2636, 54.5235



67.6721, 86.8490, 64.1186



57.7217, 69.2699, 67.7718



14.1894, 16.0892, 15.2622



16.0201, 32.0401, 5.3401



1.1838, 2.3677, 0.3946

Inverse Universe

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



62.2740, 55.3344, 80.0746



78.5372, 66.9745, 103.3950



59.3679, 54.1719, 64.7708



14.9952, 14.6153, 18.1750



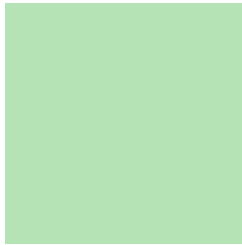
26.5610, 12.7586, 43.4446



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 55.2040, 68.2607, 54.5220 looks on a white background.

Color Contrast Check

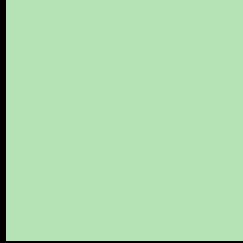
Large Text (above 18pt) WCAG AA × Fail

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 55.2040, 68.2607, 54.5220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

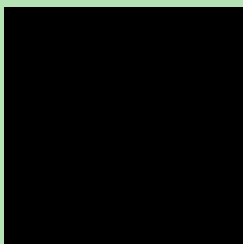
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

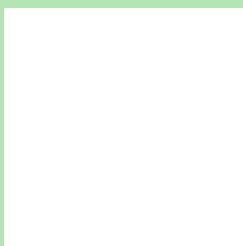
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2040, 68.2607, 54.5220

Background



This preview shows how black text looks on a background with the XYZ color 55.2040, 68.2607, 54.5220.



This preview shows how white text looks on a background with the XYZ color 55.2040, 68.2607,

54.5220.

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
55.2040, 68.2607, 54.5220
Protanopia
63.5616, 67.5586, 50.7644
Deuteranopia
69.1818, 67.7636, 55.8878



Tritanopia

62.1034, 67.8538, 89.9447

Trichromacy



Original Color

55.2040, 68.2607, 54.5220

Protanomaly

60.2314, 67.7263, 52.0174

Deuteranomaly

63.2349, 67.2839, 55.5532

Tritanomaly

59.3847, 67.9437, 75.6302

Monochromacy



Original Color

55.2040, 68.2607, 54.5220

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.1624, 64.8665, 63.4878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2040, 68.2607, 54.5220 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(182, 227, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 227, 182)  
}
```

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(182, 227, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 227, 182) }
```

Border

The CSS property to change the border of an element to XYZ 55.2040, 68.2607, 54.5220 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(182, 227, 182) }
```


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

```
.border{ border-color:rgb(182, 227, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 227, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 227, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 227, 182);  
box-shadow:4px 4px 4px 4px rgb(182, 227,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2040, 68.2607, 54.5220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 227, 182) }
```

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

```
.background{ background-color: rgb(182,  
227, 182) }
```

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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