

Converting Colors

XYZ(55.0507, 67.2477, 61.6925)

Have a look what the booklet for
XYZ(55.0507, 67.2477, 61.6925)
contains.

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Color

**XYZ(55.1356, 67.2555,
61.7054)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E1C3
RGB	178, 225, 195
RGB Percent	70%, 88%, 76%
CMY	0.3020, 0.1176, 0.2353
CMYK	0.21, 0.00, 0.13, 0.12
HSL	142°, 44%, 79%
HSV	142°, 21%, 88%
XYZ	55.1356, 67.2555, 61.7054
YIQ	207.5270, -18.3820, -19.2940

Conversions

Conversions Part 2

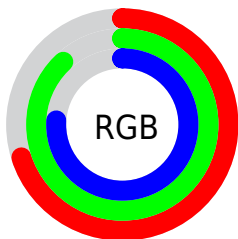
Format	Color
RYB	178, 213, 225
Decimal	11723203
CIELab	85.63, -21.07, 9.72
CIElCh	86, 23.208, 155.236
Yxy	67.2555, 0.2995, 0.3653
Android (android.graphics.Color)	4289913283 (0xFFB2E1C3)
YUV	207.5270, -6.1758, -25.8952
Hunter-Lab	82.0095, -23.5096, 12.7957

Details

The XYZ color **55.1356, 67.2555, 61.7054** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.3592, 52.4040, 66.7165**, and the grayscale version is **59.6968, 62.8056, 68.3953**.

A 20% lighter version of the original color is **87.2624, 96.0407, 106.0340**, and **27.6399, 35.0325, 30.5045** is the 20% darker color. If you saturate the color by 10%, you get **48.8439, 64.1926, 53.3383**, and if you desaturate by 10%, it is **62.4340, 70.8231, 70.9379**.

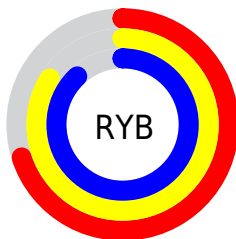
Distribution



Red (70%)

Green (88%)

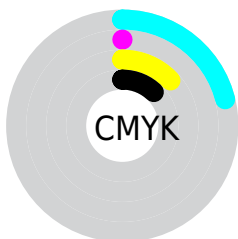
Blue (76%)



Red (70%)

Yellow (84%)

Blue (88%)

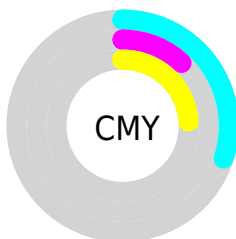


Cyan (21%)

Magenta (0%)

Yellow (13%)

Black (12%)



Cyan (30%)

Magenta (12%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1356, 67.2555, 61.7054 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 55.1356, 67.2555, 61.7054 by changing the saturation by 10% instead.

■ 55.1356, 67.2555,
61.7054

■ 55.1356, 67.2555,
61.7054

396.5538,
450.8537, 448.8336

■ 39.7446, 49.2923,
44.3604

■ 96.8868, 115.2864,
108.8671

■ 27.5228, 34.8514,
30.6147

123.9776,
146.1230, 139.5209

■ 18.1048, 23.5484,
20.0496

155.6991,
182.0194, 175.4481

■ 11.1254, 14.9990,
12.2467

192.4166,
223.3601, 217.0672

■ 6.2192, 8.8187,
6.7873

234.4955,
270.5295, 264.7968

■ 3.0207, 4.6231,
3.2530


282.3011,

■ 1.1647, 2.0279,


323.9119, 319.0554


1.2252


336.1987,
383.8919, 380.2615


 0.0783, 0.6236,
0.0000


 0.0000, 0.0000,
0.0000


 55.1356, 67.2555,
61.7054


 55.1356, 67.2555,
61.7054


 48.8439, 64.1926,
53.3383


 62.4340, 70.8231,
70.9379


 43.5078, 61.6029,
45.8071

 70.7761, 74.9083,
81.0552

 39.0798, 59.4643,
39.0871

 80.2041, 79.5343,
92.0820

 35.5060, 57.7497,
33.1505

 85.8088, 82.1699,
103.8088

■ 32.7267, 56.4287,
27.9681

■ 86.2165, 82.3330,
105.9555

■ 30.6737, 55.4669,
23.5088

■ 29.2665, 54.8235,
19.7388

■ 28.4260, 54.4528,
16.8718

Harmonies

Analogous

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



58.2401, 67.2555, 51.9424



55.1356, 67.2555, 61.7054



54.3314, 67.2555, 75.9173

Triad

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



55.1356, 67.2555, 61.7054



64.8560, 67.2555, 106.1946



72.5869, 67.2555, 57.6928

Complementary

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



55.1356, 67.2555, 61.7054



58.3592, 52.4040, 66.7165

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.



74.5848, 67.2555, 70.6065



55.1356, 67.2555, 61.7054



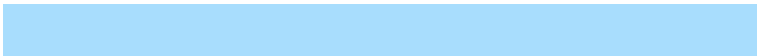
69.9669, 67.2555, 99.6591

Square

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



55.1356, 67.2555, 61.7054



59.7624, 67.2555, 102.9556



73.6007, 67.2555, 86.1066



68.2752, 67.2555, 49.8590

Rectangle

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



55.1356, 67.2555, 61.7054



55.1676, 67.2555, 86.3487



73.6007, 67.2555, 86.1066



73.5618, 67.2555, 61.5119

Sweetspot

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



55.1374, 67.2583, 61.7069



88.1106, 96.5997, 100.5751



61.1309, 70.5576, 52.5173



18.7043, 20.6004, 21.3389



0.0000, 0.0000, 0.0000



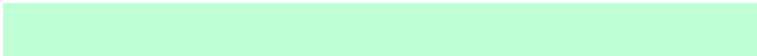
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1374, 67.2583, 61.7069



69.4857, 87.4996, 77.0511



57.9358, 68.3777, 76.4429



13.7326, 15.4188, 15.6272



16.4307, 31.3971, 9.9909



1.1808, 2.1930, 0.9131

Inverse Universe

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



58.3592, 52.4040, 66.7165



74.4827, 64.4537, 84.8164



55.7359, 51.3547, 52.9026



14.0736, 13.8471, 16.1580



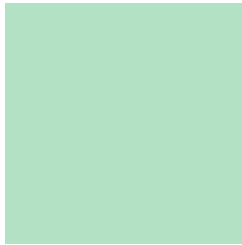
20.8352, 10.4011, 16.3299



1.4866, 0.7379, 1.3553

Previews

White Background



This preview shows how the XYZ color 55.1356, 67.2555, 61.7054 looks on a white background.

Color Contrast Check

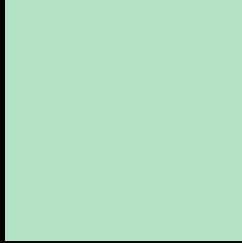
Large Text (above 18pt) WCAG AA × Fail

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 55.1356, 67.2555, 61.7054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

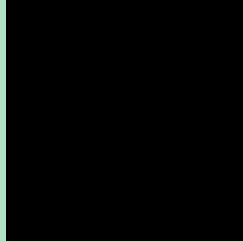
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1356, 67.2555, 61.7054

Background



This preview shows how black text looks on a background with the XYZ color 55.1356, 67.2555, 61.7054.



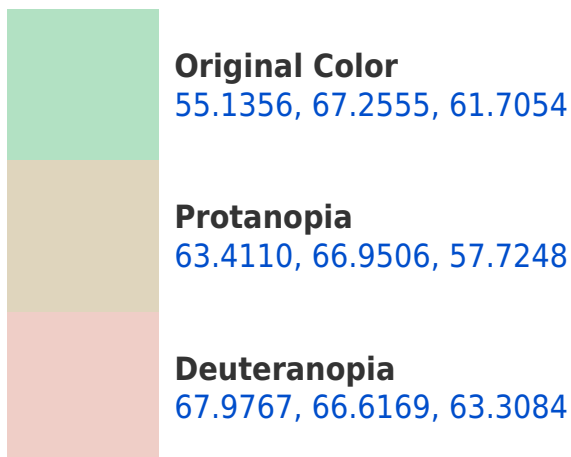
This preview shows how white text looks on a background with the XYZ color 55.1356, 67.2555,

61.7054.

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

60.8673, 67.2166, 89.8868

Trichromacy



Original Color

55.1356, 67.2555, 61.7054

Protanomaly

59.9490, 66.6527, 58.9958

Deuteranomaly

62.6026, 66.4174, 62.9464

Tritanomaly

58.5697, 67.0541, 78.9630

Monochromacy



Original Color

55.1356, 67.2555, 61.7054

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

57.8520, 64.2752, 65.8571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1356, 67.2555, 61.7054 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(178, 225, 195)` looks like.

```
.text, #text, p{  
    color:rgb(178, 225, 195)  
}
```

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(178, 225, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 225, 195) }
```

Border

The CSS property to change the border of an element to XYZ 55.1356, 67.2555, 61.7054 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(178, 225, 195) }
```


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

```
.border{ border-color:rgb(178, 225, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 225, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 225, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 225, 195); box-shadow:4px 4px 4px 4px rgb(178, 225, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1356, 67.2555, 61.7054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 225, 195) }
```

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

```
.background{ background-color: rgb(178,  
225, 195) }
```

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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