

Converting Colors

XYZ(55.0944, 65.2144, 56.0786)

Have a look what the booklet for
XYZ(55.0944, 65.2144, 56.0786)
contains.

XYZ(55.1952, 65.4229, 56.1732)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.1952, 65.4229,
56.1732)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDCBA
RGB	188, 220, 186
RGB Percent	74%, 86%, 73%
CMY	0.2627, 0.1372, 0.2706
CMYK	0.15, 0.00, 0.15, 0.14
HSL	116°, 33%, 80%
HSV	116°, 15%, 86%
XYZ	55.1952, 65.4229, 56.1732
YIQ	206.5560, -8.1580, -17.3580

Conversions

Conversions Part 2

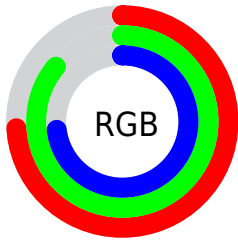
Format	Color
RYB	186, 220, 218
Decimal	12377274
CIELab	84.70, -16.91, 13.22
CIELCh	85, 21.461, 141.985
Yxy	65.4229, 0.3122, 0.3701
Android (android.graphics.Color)	4290567354 (0xFFBCDCBA)
YUV	206.5560, -10.1341, -16.2736
Hunter-Lab	80.8844, -19.7401, 15.4429

Details

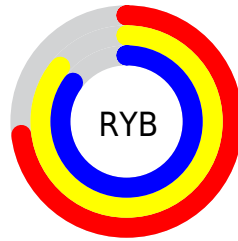
The XYZ color **55.1952, 65.4229, 56.1732** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59.3932, 55.1924, 75.2363**, and the grayscale version is **59.0909, 62.1683, 67.7012**.

A 20% lighter version of the original color is **89.0952, 97.1639, 98.0631**, and **27.5203, 33.6721, 27.2392** is the 20% darker color. If you saturate the color by 10%, you get **48.2941, 62.1169, 44.5670**, and if you desaturate by 10%, it is **63.1919, 69.2558, 69.7132**.

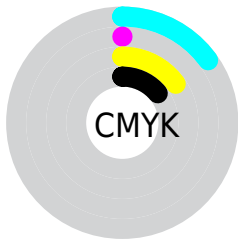
Distribution



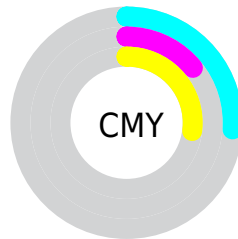
- Red (74%)
- Green (86%)
- Blue (73%)



- Red (73%)
- Yellow (86%)
- Blue (85%)



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





- Cyan (26%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1952, 65.4229, 56.1732 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 55.1952, 65.4229, 56.1732 by changing the saturation by 10% instead.

 55.1952, 65.4229,
56.1732

 55.1952, 65.4229,
56.1732


396.7758,
444.3101, 427.7505

 39.7925, 47.8041,
39.9369


 96.9735, 112.6576,
100.7461

 27.5603, 33.6718,
27.1759


124.0799,
143.0423, 129.9197

 18.1332, 22.6415,
17.4718


155.8182,
178.4511, 164.2429

 11.1459, 14.3291,
10.4059

192.5537,
219.2684, 204.1341

 6.2331, 8.3499,
5.5598

234.6519,
265.8785, 250.0120

 3.0293, 4.3196,
2.5149

282.4781,

 1.1693, 1.8539,

318.6659, 302.2950

0.8480

336.3976,
378.0150, 361.4016

0.0819, 0.5205,
0.0000

0.0000, 0.0000,
0.0000

55.1952, 65.4229,
56.1732

55.1952, 65.4229,
56.1732

48.2941, 62.1169,
44.5670

63.1919, 69.2558,
69.7132

42.4359, 59.3069,
34.8023

72.3234, 73.6286,
85.2649

37.5713, 56.9716,
26.7858

82.6336, 78.5638,
102.9073

33.6453, 55.0846,
20.4144

84.8844, 79.6689,
105.5115

■ 30.5971, 53.6172,
15.5739

■ 28.3591, 52.5372,
12.1359

■ 26.8537, 51.8079,
9.9510

■ 25.9878, 51.3854,
8.8358

■ 25.7595, 51.2740,
8.5392

Harmonies

Analogous

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



58.7931, 65.4229, 49.4403



55.1952, 65.4229, 56.1732



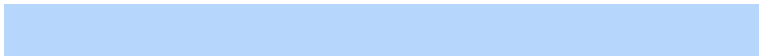
53.4890, 65.4229, 67.6145

Triad

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



55.1952, 65.4229, 56.1732



60.9053, 65.4229, 100.7239



71.1333, 65.4229, 61.7960

Complementary

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



55.1952, 65.4229, 56.1732



59.3932, 55.1924, 75.2363

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.



71.7703, 65.4229, 74.9813



55.1952, 65.4229, 56.1732



65.6998, 65.4229, 98.6435

Square

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



55.1952, 65.4229, 56.1732



56.6733, 65.4229, 94.1381



69.7359, 65.4229, 88.7725



68.0376, 65.4229, 52.3840

Rectangle

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



55.1952, 65.4229, 56.1732



53.5895, 65.4229, 76.8618



69.7359, 65.4229, 88.7725



71.6483, 65.4229, 65.8887

Sweetspot

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



55.1970, 65.4257, 56.1746



88.7867, 97.0005, 98.2448



63.3832, 68.7686, 56.3884



18.8226, 20.6752, 20.7203



0.0000, 0.0000, 0.0000



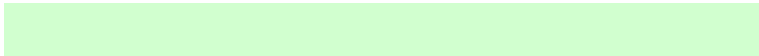
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1970, 65.4257, 56.1746



73.3751, 89.6166, 72.1739



56.3562, 65.8329, 64.8327



12.9570, 14.6426, 13.8690



15.1480, 30.1066, 5.0128



1.0069, 1.9636, 0.3259

Inverse Universe

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



59.3932, 55.1924, 75.2363



80.4535, 72.3515, 104.3326



58.1280, 54.7558, 65.4340



13.5348, 13.2338, 16.4932



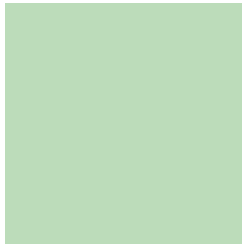
22.7274, 10.8406, 40.6330



1.4959, 0.7144, 2.6335

Previews

White Background



This preview shows how the XYZ color 55.1952, 65.4229, 56.1732 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 55.1952, 65.4229, 56.1732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

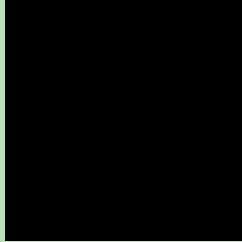
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

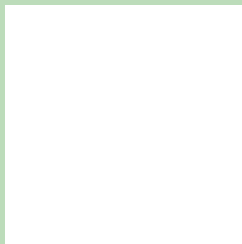
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1952, 65.4229, 56.1732

Background



This preview shows how black text looks on a background with the XYZ color 55.1952, 65.4229, 56.1732.



This preview shows how white text looks on a background with the XYZ color 55.1952, 65.4229,

56.1732.

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

55.1952, 65.4229, 56.1732

Protanopia

61.5113, 64.9590, 53.0124

Deuteranopia

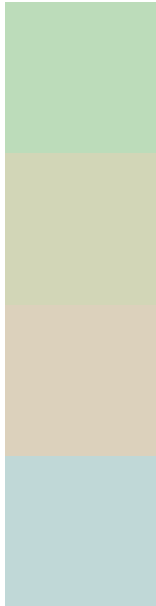
66.1378, 64.7367, 57.1537



Tritanopia

60.9760, 65.4648, 85.0235

Trichromacy



Original Color

55.1952, 65.4229, 56.1732

Protanomaly

59.1722, 65.2137, 54.2685

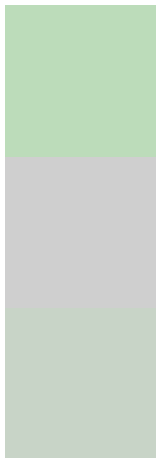
Deuteranomaly

61.3928, 64.4474, 56.7808

Tritanomaly

58.5598, 65.2245, 73.7931

Monochromacy



Original Color

55.1952, 65.4229, 56.1732

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.6717, 63.4898, 63.2480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1952, 65.4229, 56.1732 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(188, 220, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 220, 186) }
```

Border

The CSS property to change the border of an element to XYZ 55.1952, 65.4229, 56.1732 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, 186) }
```


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

```
.border{ border-color:rgb(188, 220, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 220, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 220, 186);  
box-shadow:4px 4px 4px 4px rgb(188, 220,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1952, 65.4229, 56.1732 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, 186) }
```

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

```
.background{ background-color: rgb(188,  
220, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor