

Converting Colors

XYZ(55.5838, 65.8060, 58.2120)

Have a look what the booklet for
XYZ(55.5838, 65.8060, 58.2120)
contains.

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Color

**XYZ(55.6442, 65.9954,
58.5208)**

Conversions

Conversions Part 1

Format	Color
Hex	BBDDBE
RGB	187, 221, 190
RGB Percent	73%, 87%, 75%
CMY	0.2667, 0.1333, 0.2549
CMYK	0.15, 0.00, 0.14, 0.13
HSL	125°, 33%, 80%
HSV	125°, 15%, 87%
XYZ	55.6442, 65.9954, 58.5208
YIQ	207.3000, -10.3130, -16.8490

Conversions

Conversions Part 2

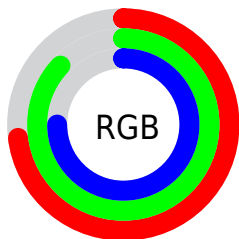
Format	Color
RYB	187, 218, 221
Decimal	12311998
CIELab	84.99, -17.04, 11.52
CIELCh	85, 20.570, 145.948
Yxy	65.9954, 0.3089, 0.3663
Android (android.graphics.Color)	4290502078 (0xFFBBDDBE)
YUV	207.3000, -8.5289, -17.8031
Hunter-Lab	81.2376, -19.9010, 14.1558

Details

The XYZ color **55.6442, 65.9954, 58.5208** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60.2463, 55.9762, 73.9618**, and the grayscale version is **59.5611, 62.6629, 68.2399**.

A 20% lighter version of the original color is **89.3567, 97.2285, 101.2462**, and **27.8244, 34.0651, 28.7756** is the 20% darker color. If you saturate the color by 10%, you get **48.5958, 62.6008, 47.4785**, and if you desaturate by 10%, it is **63.8328, 69.9464, 71.2088**.

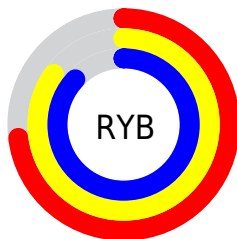
Distribution



Red (73%)

Green (87%)

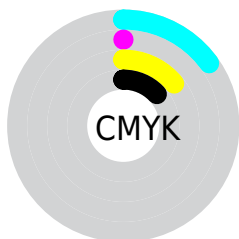
Blue (75%)



Red (73%)

Yellow (85%)

Blue (87%)

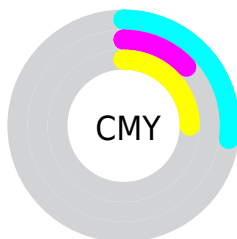


Cyan (15%)

Magenta (0%)

Yellow (14%)

Black (13%)



Cyan (27%)

Magenta (13%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6442, 65.9954, 58.5208 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 55.6442, 65.9954, 58.5208 by changing the saturation by 10% instead.

■ 55.6442, 65.9954,
58.5208

■ 55.6442, 65.9954,
58.5208

398.4461,
446.3604, 436.7761

■ 40.1536, 48.2687,
41.8100

■ 97.6270, 113.4797,
104.2031

■ 27.8431, 34.0397,
28.6281

124.8499,
144.0061, 134.0118

■ 18.3472, 22.9241,
18.5565

156.7143,
179.5678, 169.0234

■ 11.3008, 14.5375,
11.1767

193.5856,
220.5493, 209.6567

■ 6.3383, 8.4954,
6.0702

235.8290,
267.3349, 256.3300

■ 3.0945, 4.4136,
2.8183

283.8100,

■ 1.2039, 1.9075,

320.3090, 309.4620

1.0026

337.8939,
379.8561, 369.4712

0.1095, 0.5529,
0.0000

0.0000, 0.0000,
0.0000

55.6442, 65.9954,
58.5208

55.6442, 65.9954,
58.5208

48.5958, 62.6008,
47.4785

63.8328, 69.9464,
71.2088

42.6318, 59.7297,
38.0102

73.2035, 74.4682,
85.6013

37.7000, 57.3584,
30.0456

83.8024, 79.5855,
101.7597

33.7416, 55.4584,
23.5075

85.1477, 80.1955,
105.5992

■ 30.6917, 53.9980,
18.3114

■ 28.4778, 52.9417,
14.3643

■ 27.0160, 52.2487,
11.5613

■ 26.2047, 51.8690,
9.7800

■ 25.9796, 51.7642,
9.2610

Harmonies

Analogous

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



58.9159, 65.9954, 51.3055



55.6442, 65.9954, 58.5208



54.2686, 65.9954, 70.0732

Triad

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



55.6442, 65.9954, 58.5208



62.1004, 65.9954, 100.3703



71.0666, 65.9954, 61.2813

Complementary

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



55.6442, 65.9954, 58.5208



60.2463, 55.9762, 73.9618

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.



72.0208, 65.9954, 73.6724



55.6442, 65.9954, 58.5208



66.6983, 65.9954, 97.2746

Square

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



55.6442, 65.9954, 58.5208



57.8783, 65.9954, 95.0890



70.3859, 65.9954, 87.0812



67.8385, 65.9954, 52.7566

Rectangle

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



55.6442, 65.9954, 58.5208



54.5596, 65.9954, 79.0842



70.3859, 65.9954, 87.0812



71.6706, 65.9954, 65.0855

Sweetspot

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



55.6460, 65.9982, 58.5223



88.6982, 96.9353, 99.1268



63.7922, 70.2352, 57.2089



18.8012, 20.6594, 20.9336



0.0000, 0.0000, 0.0000



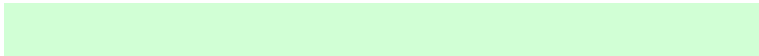
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6460, 65.9982, 58.5223



74.1121, 89.9016, 76.4975



57.5941, 66.7774, 68.7806



12.9329, 14.6248, 14.1098



15.1088, 30.0761, 5.4722



0.9953, 1.9551, 0.4412

Inverse Universe

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



60.2463, 55.9762, 73.9618



81.4697, 73.8719, 101.1900



58.1534, 55.1391, 62.9408



13.5622, 13.2540, 16.2220



23.5022, 11.4019, 33.3545



1.5374, 0.7446, 2.2391

Previews

White Background



This preview shows how the XYZ color 55.6442, 65.9954, 58.5208 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 55.6442, 65.9954, 58.5208 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

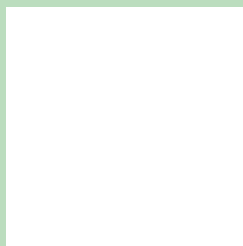
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6442, 65.9954, 58.5208

Background



This preview shows how black text looks on a background with the XYZ color 55.6442, 65.9954, 58.5208.

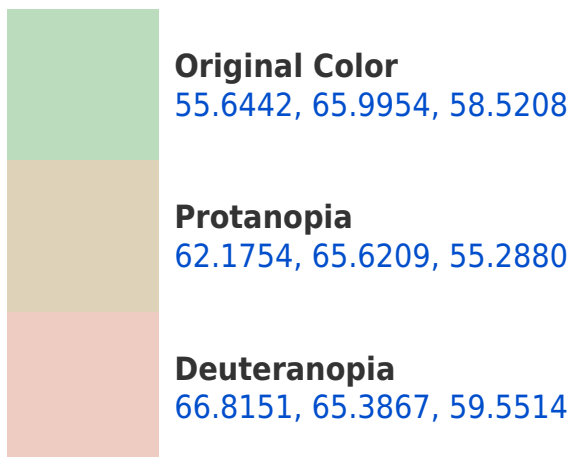


This preview shows how white text looks on a background with the XYZ color 55.6442, 65.9954,

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

61.1141, 65.8964, 85.8422

Trichromacy



Original Color

55.6442, 65.9954, 58.5208

Protanomaly

59.5646, 65.7440, 56.5642

Deuteranomaly

62.0762, 65.1146, 59.1658

Tritanomaly

58.8231, 65.7118, 75.2290

Monochromacy



Original Color

55.6442, 65.9954, 58.5208

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.9055, 63.5834, 64.4792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6442, 65.9954, 58.5208 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(187, 221, 190)` looks like.

```
.text, #text, p{  
    color:rgb(187, 221, 190)  
}
```

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(187, 221, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 221, 190) }
```

Border

The CSS property to change the border of an element to XYZ 55.6442, 65.9954, 58.5208 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(187, 221, 190) }
```


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

```
.border{ border-color:rgb(187, 221, 190) }
```

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

Here you see how a box with a 4 pixel rgb(187, 221, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 221, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 221, 190);  
box-shadow:4px 4px 4px 4px rgb(187, 221,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6442, 65.9954, 58.5208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 221, 190) }
```

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

```
.background{ background-color: rgb(187,  
221, 190) }
```

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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