

Converting Colors

XYZ(55.7618, 65.2968, 59.1581)

Have a look what the booklet for
XYZ(55.7618, 65.2968, 59.1581)
contains.

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Color

**XYZ(55.7218, 65.2434,
58.9466)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDBBF
RGB	189, 219, 191
RGB Percent	74%, 86%, 75%
CMY	0.2588, 0.1412, 0.2510
CMYK	0.14, 0.00, 0.13, 0.14
HSL	124°, 29%, 80%
HSV	124°, 14%, 86%
XYZ	55.7218, 65.2434, 58.9466
YIQ	206.8380, -8.8920, -15.0680

Conversions

Conversions Part 2

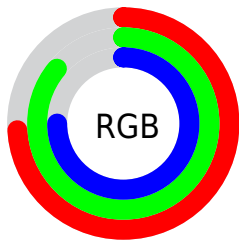
Format	Color
RYB	189, 217, 219
Decimal	12442559
CIELab	84.61, -15.19, 10.46
CIELCh	85, 18.442, 145.444
Yxy	65.2434, 0.3097, 0.3626
Android (android.graphics.Color)	4290632639 (0xFFBDDDBF)
YUV	206.8380, -7.8081, -15.6439
Hunter-Lab	80.7734, -18.2146, 13.2729

Details

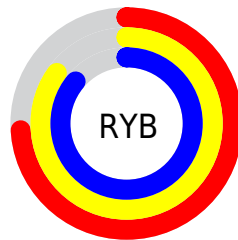
The XYZ color **55.7218, 65.2434, 58.9466** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59.9378, 56.4667, 73.3889**, and the grayscale version is **59.2582, 62.3442, 67.8928**.

A 20% lighter version of the original color is **90.2047, 97.6479, 102.0893**, and **27.8546, 33.5368, 29.0499** is the 20% darker color. If you saturate the color by 10%, you get **48.5994, 61.8156, 47.6793**, and if you desaturate by 10%, it is **63.9821, 69.2253, 71.9087**.

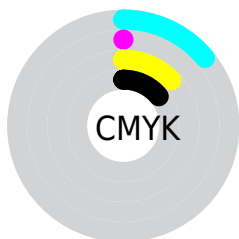
Distribution



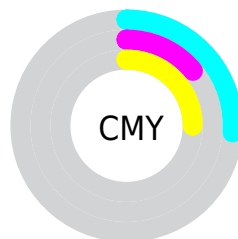
- Red (74%)
- Green (86%)
- Blue (75%)



- Red (74%)
- Yellow (85%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7218, 65.2434, 58.9466 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 55.7218, 65.2434, 58.9466 by changing the saturation by 10% instead.

■ 55.7218, 65.2434,
58.9466

■ 55.7218, 65.2434,
58.9466

398.7343,
443.6661, 438.4004

■ 40.2160, 47.6585,
42.1504

■ 97.7399, 112.3997,
104.8284

■ 27.8920, 33.5565,
28.8926

124.9829,
142.7399, 134.7511

■ 18.3843, 22.5531,
18.7547

156.8691,
178.1006, 169.8864

■ 11.3276, 14.2639,
11.3182

193.7637,
218.8663, 210.6528

■ 6.3565, 8.3044,
6.1644

236.0322,
265.4213, 257.4688

■ 3.1058, 4.2904,
2.8749

284.0399,

■ 1.2099, 1.8373,

318.1500, 310.7531

1.0311

338.1521,
377.4368, 370.9241

■ 0.1142, 0.5102,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7218, 65.2434,
58.9466

■ 55.7218, 65.2434,
58.9466

■ 48.5994, 61.8156,
47.6793

■ 63.9821, 69.2253,
71.9087

■ 42.5599, 58.9094,
38.0326

■ 73.4214, 73.7755,
86.6270

■ 37.5520, 56.5017,
29.9334

■ 84.0856, 78.9180,
103.1653

■ 33.5177, 54.5646,
23.3012

■ 84.6227, 79.1455,
105.4242

■ 30.3936, 53.0671,
18.0481

■ 28.1088, 51.9748,
14.0770

■ 26.5816, 51.2479,
11.2783

■ 25.7141, 50.8386,
9.5237

■ 25.4161, 50.6988,
8.8834

Harmonies

Analogous

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



58.6747, 65.2434, 52.4802



55.7218, 65.2434, 58.9466



54.4551, 65.2434, 69.2543

Triad

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



55.7218, 65.2434, 58.9466



61.3856, 65.2434, 96.1034



69.4338, 65.2434, 61.7425

Complementary

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



55.7218, 65.2434, 58.9466



59.9378, 56.4667, 73.3889

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.



70.2374, 65.2434, 72.8541



55.7218, 65.2434, 58.9466



65.4733, 65.2434, 93.5262

Square

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



55.7218, 65.2434, 58.9466



57.6318, 65.2434, 91.3808



68.7584, 65.2434, 84.6814



66.6085, 65.2434, 53.9649

Rectangle

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



55.7218, 65.2434, 58.9466



54.6944, 65.2434, 77.2450



68.7584, 65.2434, 84.6814



69.9545, 65.2434, 65.1746

Sweetspot

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



55.7236, 65.2462, 58.9480



89.9013, 97.5185, 100.8555



63.2837, 69.1688, 58.1606



19.0418, 20.7762, 21.2731



0.0000, 0.0000, 0.0000



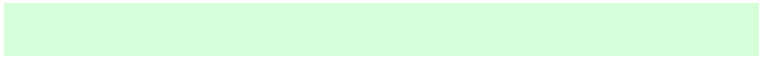
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7236, 65.2462, 58.9480



76.0639, 90.8518, 79.1181



57.3997, 65.9166, 67.7746



12.9216, 14.6203, 14.0499



15.0841, 30.0663, 5.3422



0.9899, 1.9529, 0.4126

Inverse Universe

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



59.9378, 56.4667, 73.3889



82.9524, 76.5005, 102.7225



58.1331, 55.7448, 63.8858



13.5750, 13.2591, 16.2889



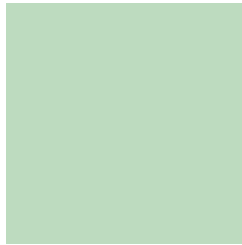
23.8296, 11.5329, 35.0784



1.5553, 0.7518, 2.3333

Previews

White Background



This preview shows how the XYZ color 55.7218, 65.2434, 58.9466 looks on a white background.

Color Contrast Check

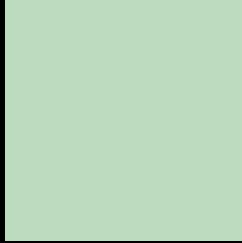
Large Text (above 18pt) WCAG AA × Fail

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 55.7218, 65.2434, 58.9466 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

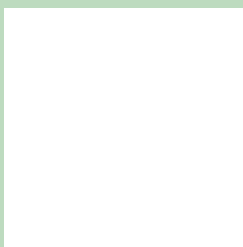
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7218, 65.2434, 58.9466

Background



This preview shows how black text looks on a background with the XYZ color 55.7218, 65.2434, 58.9466.



This preview shows how white text looks on a background with the XYZ color 55.7218, 65.2434,

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

55.7218, 65.2434, 58.9466

Protanopia

61.4247, 64.8540, 55.7350

Deuteranopia

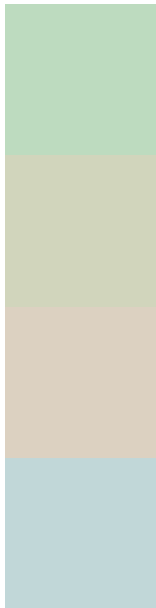
66.0186, 64.6114, 60.0306



Tritanopia

60.8421, 65.0374, 84.2097

Trichromacy



Original Color

55.7218, 65.2434, 58.9466

Protanomaly

59.1658, 64.7746, 56.9613

Deuteranomaly

61.9413, 64.6668, 59.6694

Tritanomaly

58.6874, 64.8962, 74.3988

Monochromacy



Original Color

55.7218, 65.2434, 58.9466

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.6563, 63.0849, 64.3961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7218, 65.2434, 58.9466 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(189, 219, 191)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 191)  
}
```

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(189, 219, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 191) }
```

Border

The CSS property to change the border of an element to XYZ 55.7218, 65.2434, 58.9466 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(189, 219, 191) }
```


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

```
.border{ border-color:rgb(189, 219, 191) }
```

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

Here you see how a box with a 4 pixel rgb(189, 219, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 191);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7218, 65.2434, 58.9466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 191) }
```

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

```
.background{ background-color: rgb(189,  
219, 191) }
```

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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