

Converting Colors

XYZ(58.3060, 69.3520, 65.0254)

Have a look what the booklet for
XYZ(58.3060, 69.3520, 65.0254)
contains.

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Color

**XYZ(58.1152, 69.1276,
64.9236)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE2C8
RGB	187, 226, 200
RGB Percent	73%, 89%, 78%
CMY	0.2667, 0.1137, 0.2157
CMYK	0.17, 0.00, 0.12, 0.11
HSL	140°, 40%, 81%
HSV	140°, 17%, 89%
XYZ	58.1152, 69.1276, 64.9236
YIQ	211.3750, -14.8980, -16.3540

Conversions

Conversions Part 2

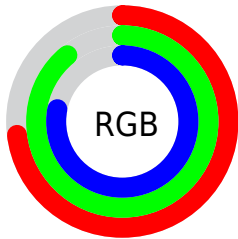
Format	Color
RYB	187, 216, 226
Decimal	12313288
CIELab	86.57, -17.72, 8.50
CIELCh	87, 19.656, 154.365
Yxy	69.1276, 0.3024, 0.3597
Android (android.graphics.Color)	4290503368 (0xFFBBE2C8)
YUV	211.3750, -5.6079, -21.3769
Hunter-Lab	83.1430, -20.7326, 11.9025

Details

The XYZ color **58.1152, 69.1276, 64.9236** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.1470, 56.5152, 70.6395**, and the grayscale version is **62.2094, 65.4491, 71.2741**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **29.4241, 36.1877, 32.6282** is the 20% darker color. If you saturate the color by 10%, you get **51.3404, 65.8306, 55.8633**, and if you desaturate by 10%, it is **65.9375, 72.9485, 74.9419**.

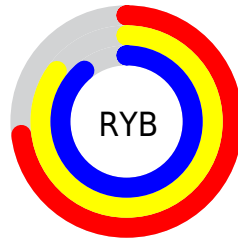
Distribution



Red (73%)

Green (89%)

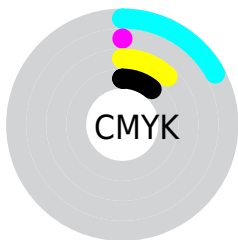
Blue (78%)



Red (73%)

Yellow (85%)

Blue (89%)

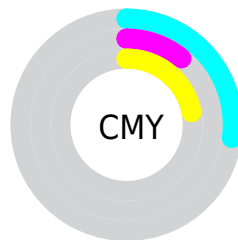


Cyan (17%)

Magenta (0%)

Yellow (12%)

Black (11%)



Cyan (27%)


Magenta (11%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1152, 69.1276, 64.9236 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 58.1152, 69.1276, 64.9236 by changing the saturation by 10% instead.


 58.1152, 69.1276,
64.9236

 58.1152, 69.1276,
64.9236


407.5620,
457.4809, 460.8161

 42.1449, 50.8156,
46.9482


 101.2126,
117.9638, 113.5522

 29.4064, 36.0619,
32.6406


129.0704,
149.2568, 145.0425

 19.5343, 24.4820,
21.5824


161.6214,
185.6457, 181.8749

 12.1632, 15.6916,
13.3550

199.2310,
227.5147, 224.4678

 6.9279, 9.3062,
7.5399

242.2645,
275.2484, 273.2398

 3.4630, 4.9414,
3.7184

291.0872,

 1.4031, 2.2129,

329.2310, 328.6095

1.4722

346.0646,
389.8471, 390.9954

■ 0.2584, 0.7270,
0.1971

■ 0.0000, 0.0000,
0.0000

■ 58.1152, 69.1276,
64.9236

■ 58.1152, 69.1276,
64.9236

■ 51.3404, 65.8306,
55.8633

■ 65.9375, 72.9485,
74.9419

■ 45.5619, 63.0257,
47.7280

■ 74.8443, 77.3059,
85.9405

■ 40.7325, 60.6912,
40.4899

■ 84.8779, 82.2230,
97.9468

■ 36.7987, 58.8003,
34.1175

■ 86.4876, 82.8753,
106.0459

■ 33.7019, 57.3232,
28.5781

■ 31.3756, 56.2265,
23.8362

■ 29.7429, 55.4713,
19.8541

■ 28.7034, 55.0066,
16.5901

■ 28.4790, 54.9078,
15.8133

Harmonies

Analogous

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



60.8801, 69.1276, 56.3934



58.1152, 69.1276, 64.9236



57.3472, 69.1276, 77.1947

Triad

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



58.1152, 69.1276, 64.9236



66.3730, 69.1276, 103.1696



73.2064, 69.1276, 61.9714

Complementary

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



58.1152, 69.1276, 64.9236



61.1470, 56.5152, 70.6395

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.



74.8350, 69.1276, 73.3741



58.1152, 69.1276, 64.9236



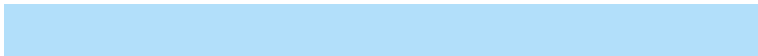
70.7756, 69.1276, 97.9447

Square

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



58.1152, 69.1276, 64.9236



61.9847, 69.1276, 100.2393



73.9256, 69.1276, 86.6571



69.5685, 69.1276, 54.8322

Rectangle

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



58.1152, 69.1276, 64.9236



58.0396, 69.1276, 86.1045



73.9256, 69.1276, 86.6571



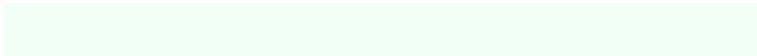
74.0145, 69.1276, 65.3815

Sweetspot

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



58.1171, 69.1305, 64.9251



89.1752, 97.1261, 101.6386



63.7981, 72.2273, 57.5934



18.9167, 20.7056, 21.5421



0.0000, 0.0000, 0.0000



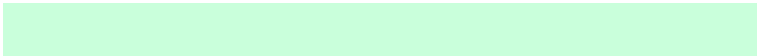
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1171, 69.1305, 64.9251



72.7941, 89.1302, 80.5915



60.4586, 70.0671, 77.2550



13.7163, 15.4122, 15.5411



16.2958, 31.3432, 9.2807



1.1701, 2.1888, 0.8569

Inverse Universe

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



61.1470, 56.5152, 70.6395



77.5399, 69.3667, 89.5389



58.8909, 55.6127, 58.7590



14.0906, 13.8539, 16.2475



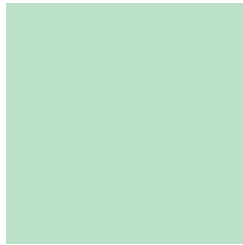
21.1220, 10.5158, 17.8399



1.5051, 0.7453, 1.4526

Previews

White Background



This preview shows how the XYZ color 58.1152, 69.1276, 64.9236 looks on a white background.

Color Contrast Check

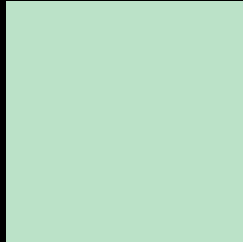
Large Text (above 18pt) WCAG AA × Fail

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 58.1152, 69.1276, 64.9236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

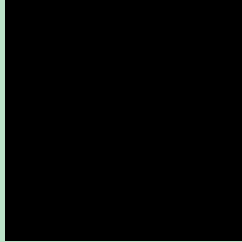
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

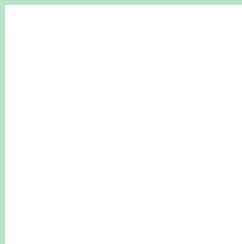
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1152, 69.1276, 64.9236

Background



This preview shows how black text looks on a background with the XYZ color 58.1152, 69.1276, 64.9236.

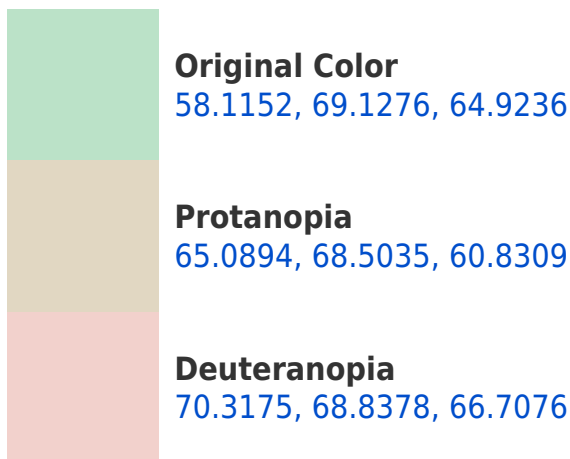


This preview shows how white text looks on a background with the XYZ color 58.1152, 69.1276,

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

63.5372, 69.3553, 90.9271

Trichromacy



Original Color

58.1152, 69.1276, 64.9236

Protanomaly

62.1593, 68.4974, 62.1697

Deuteranomaly

65.2041, 68.4423, 66.2740

Tritanomaly

61.3281, 69.2335, 80.6521

Monochromacy



Original Color

58.1152, 69.1276, 64.9236

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.1755, 66.1733, 68.6326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1152, 69.1276, 64.9236 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, 226, 200)` looks like.

```
.text, #text, p{  
    color:rgb(187, 226, 200)  
}
```

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, 226, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 226, 200) }
```

Border

The CSS property to change the border of an element to XYZ 58.1152, 69.1276, 64.9236 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, 226, 200) }
```


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

```
.border{ border-color:rgb(187, 226, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 226, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 226, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 226, 200);  
box-shadow:4px 4px 4px 4px rgb(187, 226,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1152, 69.1276, 64.9236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 226, 200) }
```

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

```
.background{ background-color: rgb(187,  
226, 200) }
```

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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