

Converting Colors

XYZ(54.1987, 65.3606, 58.1519)

Have a look what the booklet for
XYZ(54.1987, 65.3606, 58.1519)
contains.

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Color

**XYZ(54.0978, 65.2108,
57.8798)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DDBD
RGB	181, 221, 189
RGB Percent	71%, 87%, 74%
CMY	0.2902, 0.1333, 0.2588
CMYK	0.18, 0.00, 0.14, 0.13
HSL	132°, 37%, 79%
HSV	132°, 18%, 87%
XYZ	54.0978, 65.2108, 57.8798
YIQ	205.3920, -13.5680, -18.4320

Conversions

Conversions Part 2

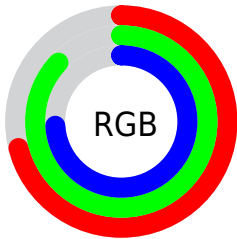
Format	Color
R _{YB}	181, 214, 221
Decimal	11918781
CIE Lab	84.59, -19.22, 11.42
CIE LCh	85, 22.359, 149.282
Yxy	65.2108, 0.3053, 0.3680
Android (android.graphics.Color)	4290108861 (0xFFB5DDBD)
YUV	205.3920, -8.0813, -21.3918
Hunter-Lab	80.7532, -21.7382, 14.0312

Details

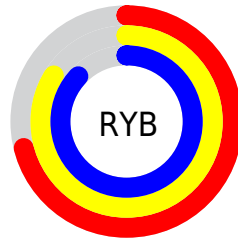
The XYZ color **54.0978, 65.2108, 57.8798** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58.3552, 53.2255, 70.1516**, and the grayscale version is **58.3355, 61.3734, 66.8357**.

A 20% lighter version of the original color is **87.1665, 96.1171, 100.3445**, and **26.9822, 33.6392, 28.3635** is the 20% darker color. If you saturate the color by 10%, you get **47.5175, 62.0288, 48.1571**, and if you desaturate by 10%, it is **61.7377, 68.9157, 68.8762**.

Distribution



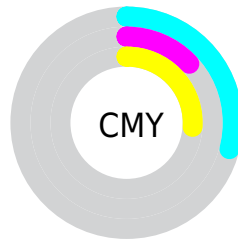
- Red (71%)
- Green (87%)
- Blue (74%)



- Red (71%)
- Yellow (84%)
- Blue (87%)



- Cyan (18%)
- Magenta (0%)
- Yellow (14%)
- Black (13%)





- Cyan (29%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0978, 65.2108, 57.8798 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 54.0978, 65.2108, 57.8798 by changing the saturation by 10% instead.


 54.0978, 65.2108,
57.8798

 54.0978, 65.2108,
57.8798


392.6751,
443.5491, 434.3236

 38.9108, 47.6320,
41.2980


 95.3739, 112.3529,
103.2608

 26.8708, 33.5356,
28.2305


122.1937,
142.6850, 132.8971

 17.6123, 22.5370,
18.2590


153.6219,
178.0369, 167.7220

 10.7700, 14.2520,
10.9647

190.0237,
218.7932, 208.1539

 5.9785, 8.2962,
5.9292

231.7646,
265.3382, 254.6116

 2.8726, 4.2850,
2.7340

279.2099,

 1.0867, 1.8343,

318.0562, 307.5133

0.9605

332.7250,
377.3317, 367.2779

0.0140, 0.5084,
0.0000

0.0000, 0.0000,
0.0000

54.0978, 65.2108,
57.8798

54.0978, 65.2108,
57.8798

47.5175, 62.0288,
48.1571

61.7377, 68.9157,
68.8762

41.9444, 59.3381,
39.6579

70.4760, 73.1570,
81.1855

37.3297, 57.1164,
32.3348

80.3559, 77.9581,
94.8507

33.6181, 55.3364,
26.1360

85.1477, 80.1954,
105.5992

■ 30.7490, 53.9679,
21.0054

■ 28.6537, 52.9768,
16.8825

■ 27.2524, 52.3234,
13.7004

■ 26.4347, 51.9523,
11.3832

■ 26.3161, 51.8988,
11.0331

Harmonies

Analogous

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



57.4084, 65.2108, 49.6440



54.0978, 65.2108, 57.8798



52.8791, 65.2108, 70.6601

Triad

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



54.0978, 65.2108, 57.8798



61.8609, 65.2108, 102.1536



70.7259, 65.2108, 58.4012

Complementary

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



54.0978, 65.2108, 57.8798



58.3552, 53.2255, 70.1516

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.



72.0715, 65.2108, 71.3480



54.0978, 65.2108, 57.8798



66.7900, 65.2108, 97.7493

Square

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



54.0978, 65.2108, 57.8798



57.2109, 65.2108, 97.3243



70.5949, 65.2108, 85.9746



67.0089, 65.2108, 49.9155

Rectangle

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



54.0978, 65.2108, 57.8798



53.3637, 65.2108, 80.4631



70.5949, 65.2108, 85.9746



71.4792, 65.2108, 62.3159

Sweetspot

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



54.0996, 65.2136, 57.8812



88.9147, 97.0219, 100.2669



61.8339, 69.2984, 53.8337



18.8536, 20.6804, 21.2096



0.0000, 0.0000, 0.0000



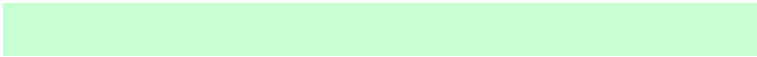
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0996, 65.2136, 57.8812



70.9344, 88.3076, 74.3574



56.3408, 66.1100, 69.6832



12.9925, 14.6486, 14.4233



15.3190, 30.1602, 6.5794



1.0234, 1.9663, 0.5892

Inverse Universe

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



58.3552, 53.2255, 70.1516



77.9362, 68.5792, 94.5426



56.0449, 52.3014, 57.9856



13.4970, 13.2279, 15.8782



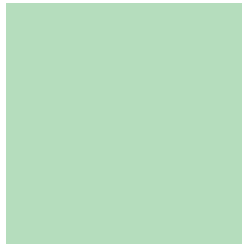
21.9620, 10.7858, 25.2437



1.4518, 0.7103, 1.7879

Previews

White Background



This preview shows how the XYZ color 54.0978, 65.2108, 57.8798 looks on a white background.

Color Contrast Check

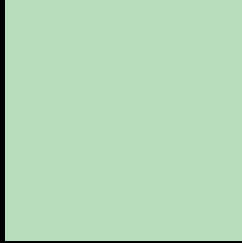
Large Text (above 18pt) WCAG AA × Fail

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 54.0978, 65.2108, 57.8798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

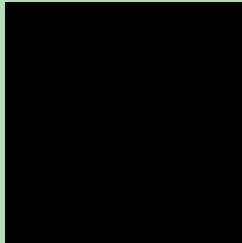
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0978, 65.2108, 57.8798

Background



This preview shows how black text looks on a background with the XYZ color 54.0978, 65.2108, 57.8798.



This preview shows how white text looks on a background with the XYZ color 54.0978, 65.2108,

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

54.0978, 65.2108, 57.8798

Protanopia

61.4126, 64.8842, 54.0869

Deuteranopia

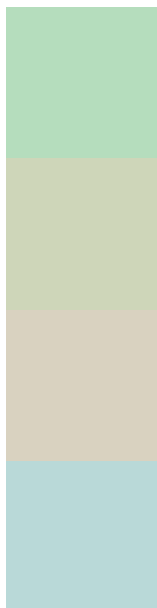
66.2415, 64.7393, 59.4567



Tritanopia

59.6050, 65.1184, 85.7715

Trichromacy



Original Color

54.0978, 65.2108, 57.8798

Protanomaly

58.2571, 64.7177, 55.3202

Deuteranomaly

61.1763, 64.6507, 59.1237

Tritanomaly

57.2151, 64.8979, 74.4767

Monochromacy



Original Color

54.0978, 65.2108, 57.8798

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.3680, 62.4478, 63.1156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0978, 65.2108, 57.8798 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(181, 221, 189)` looks like.

```
.text, #text, p{  
    color:rgb(181, 221, 189)  
}
```

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(181, 221, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 221, 189) }
```

Border

The CSS property to change the border of an element to XYZ 54.0978, 65.2108, 57.8798 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(181, 221, 189) }
```


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

```
.border{ border-color:rgb(181, 221, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 221, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 221, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 221, 189); box-shadow:4px 4px 4px 4px rgb(181, 221, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0978, 65.2108, 57.8798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 221, 189) }
```

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

```
.background{ background-color: rgb(181,  
221, 189) }
```

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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