

Converting Colors

XYZ(58.4857, 66.4280, 57.6141)

Have a look what the booklet for
XYZ(58.4857, 66.4280, 57.6141)
contains.

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Color

**XYZ(58.3441, 66.2344,
57.8536)**

Conversions

Conversions Part 1

Format	Color
Hex	C9DABD
RGB	201, 218, 189
RGB Percent	79%, 85%, 74%
CMY	0.2118, 0.1451, 0.2588
CMYK	0.08, 0.00, 0.13, 0.15
HSL	95°, 28%, 80%
HSV	95°, 13%, 85%
XYZ	58.3441, 66.2344, 57.8536
YIQ	209.6110, -0.8230, -12.6230

Conversions

Conversions Part 2

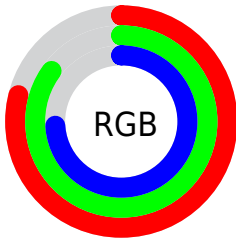
Format	Color
RYB	189, 218, 206
Decimal	13228733
CIELab	85.12, -10.91, 12.35
CIELCh	85, 16.477, 131.458
Yxy	66.2344, 0.3198, 0.3631
Android (android.graphics.Color)	4291418813 (0xFFC9DABD)
YUV	209.6110, -10.1612, -7.5518
Hunter-Lab	81.3845, -14.4573, 14.8218

Details

The XYZ color **58.3441, 66.2344, 57.8536** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.3087, 54.5808, 73.9005**, and the grayscale version is **61.0699, 64.2503, 69.9686**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **29.5737, 34.1750, 28.3303** is the 20% darker color. If you saturate the color by 10%, you get **52.8597, 63.6622, 46.1589**, and if you desaturate by 10%, it is **64.4738, 69.1020, 71.4380**.

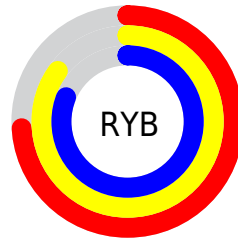
Distribution



Red (79%)

Green (85%)

Blue (74%)



Red (74%)

Yellow (85%)

Blue (81%)

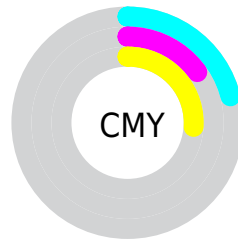


Cyan (8%)

Magenta (0%)

Yellow (13%)

Black (15%)



Cyan (21%)

Magenta (15%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3441, 66.2344, 57.8536 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 58.3441, 66.2344, 57.8536 by changing the saturation by 10% instead.

■ 58.3441, 66.2344,
57.8536

■ 58.3441, 66.2344,
57.8536

408.4001,
447.2147, 434.2232

■ 42.3297, 48.4627,
41.2770

■ 101.5439,
113.8227, 103.2223

■ 29.5518, 34.1935,
28.2143

129.4599,
144.4081, 132.8515

■ 19.6450, 23.0423,
18.2468

162.0739,
180.0335, 167.6687

■ 12.2440, 14.6247,
10.9561

199.7512,
221.0833, 208.0924

■ 6.9835, 8.5564,
5.9235

242.8571,
267.9420, 254.5412

■ 3.4980, 4.4530,
2.7306

291.7570,

■ 1.4223, 1.9301,

320.9938, 307.4336

0.9588

346.8162,
380.6233, 367.1880

■ 0.2720, 0.5664,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3441, 66.2344,
57.8536

■ 58.3441, 66.2344,
57.8536

■ 52.8597, 63.6622,
46.1589

■ 64.4738, 69.1020,
71.4380

■ 47.9924, 61.3670,
36.2659

■ 71.2650, 72.2659,
86.9863

■ 43.7198, 59.3410,
28.0862

■ 78.7398, 75.7378,
104.5737

■ 40.0160, 57.5731,
21.5220

■ 83.3131, 78.0843,
105.2884

■ 36.8528, 56.0510,
16.4659

■ 84.3627, 78.6254,
105.3376

■ 34.1992, 54.7615,
12.7971

■ 32.0201, 53.6894,
10.3766

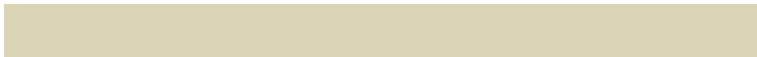
■ 30.2746, 52.8175,
9.0362

■ 29.3080, 52.3288,
8.5558

Harmonies

Analogous

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



61.5461, 66.2344, 53.8769



58.3441, 66.2344, 57.8536



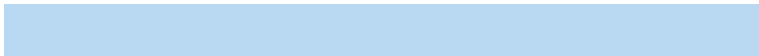
56.4244, 66.2344, 65.8093

Triad

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



58.3441, 66.2344, 57.8536



60.7106, 66.2344, 93.2932



70.2137, 66.2344, 68.1317

Complementary

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



58.3441, 66.2344, 57.8536



56.3087, 54.5808, 73.9005

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.



69.9684, 66.2344, 78.8176



58.3441, 66.2344, 57.8536



64.3828, 66.2344, 94.0716

Square

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



58.3441, 66.2344, 57.8536



57.7532, 66.2344, 86.5207



67.8001, 66.2344, 88.5532



68.4576, 66.2344, 59.4096

Rectangle

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



58.3441, 66.2344, 57.8536



56.0827, 66.2344, 72.6397



67.8001, 66.2344, 88.5532



70.3643, 66.2344, 71.5988

Sweetspot

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



58.3459, 66.2373, 57.8550



91.2850, 98.2438, 100.3779



60.1526, 62.6847, 57.0741



19.3909, 20.9592, 21.1529



0.0000, 0.0000, 0.0000



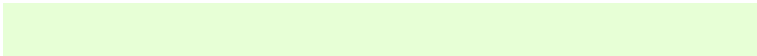
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3459, 66.2373, 57.8550



80.9040, 93.3875, 77.5138



55.5095, 64.7445, 59.1034



13.3943, 14.8680, 13.8894



17.6735, 31.4085, 5.1310



1.2415, 2.0845, 0.3369

Inverse Universe

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



56.3087, 54.5808, 73.9005



77.4474, 73.6124, 104.7344



59.4544, 56.2387, 72.4085



13.0665, 12.9924, 16.4712



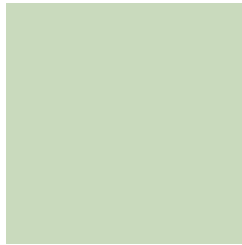
13.0227, 5.8376, 40.1788



0.9408, 0.4283, 2.6075

Previews

White Background



This preview shows how the XYZ color 58.3441, 66.2344, 57.8536 looks on a white background.

Color Contrast Check

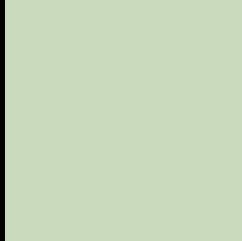
Large Text (above 18pt) WCAG AA × Fail

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 58.3441, 66.2344, 57.8536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

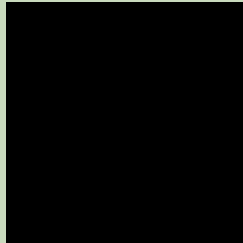
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

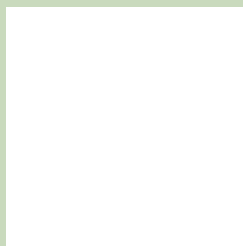
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3441, 66.2344, 57.8536

Background



This preview shows how black text looks on a background with the XYZ color 58.3441, 66.2344, 57.8536.



This preview shows how white text looks on a background with the XYZ color 58.3441, 66.2344,

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

58.3441, 66.2344, 57.8536

Protanopia

62.5306, 66.1617, 55.9291

Deuteranopia

67.2809, 65.9937, 59.0611



Tritanopia

63.4185, 66.0095, 83.5273

Trichromacy



Original Color

58.3441, 66.2344, 57.8536

Protanomaly

60.7478, 65.9771, 56.5468

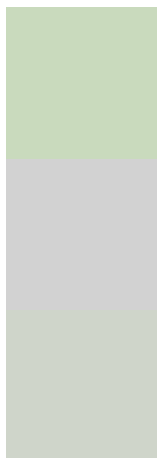
Deuteranomaly

63.8146, 66.0235, 58.6706

Tritanomaly

61.3610, 65.9273, 73.1095

Monochromacy



Original Color

58.3441, 66.2344, 57.8536

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.1870, 65.1182, 65.2740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3441, 66.2344, 57.8536 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(201, 218, 189)` looks like.

```
.text, #text, p{  
    color:rgb(201, 218, 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(201, 218, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 218, 189) }
```

Border

The CSS property to change the border of an element to XYZ 58.3441, 66.2344, 57.8536 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(201, 218, 189) }
```


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

```
.border{ border-color:rgb(201, 218, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 218, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 218, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 218, 189);  
box-shadow:4px 4px 4px 4px rgb(201, 218,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3441, 66.2344, 57.8536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 218, 189) }
```

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

```
.background{ background-color: rgb(201,  
218, 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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