

Converting Colors

XYZ(57.9944, 66.0204, 58.5119)

Have a look what the booklet for
XYZ(57.9944, 66.0204, 58.5119)
contains.

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Color

**XYZ(57.9189, 66.0026,
58.4023)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DABE
RGB	199, 218, 190
RGB Percent	78%, 85%, 75%
CMY	0.2196, 0.1451, 0.2549
CMYK	0.09, 0.00, 0.13, 0.15
HSL	101°, 27%, 80%
HSV	101°, 13%, 85%
XYZ	57.9189, 66.0026, 58.4023
YIQ	209.1270, -2.3360, -12.7360

Conversions

Conversions Part 2

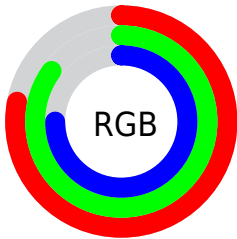
Format	Color
RYB	190, 218, 209
Decimal	13097662
CIELab	85.00, -11.43, 11.63
CIELCh	85, 16.313, 134.504
Yxy	66.0026, 0.3177, 0.3620
Android (android.graphics.Color)	4291287742 (0xFFC7DABE)
YUV	209.1270, -9.4296, -8.8814
Hunter-Lab	81.2420, -14.9175, 14.2477

Details

The XYZ color **57.9189, 66.0026, 58.4023** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.3653, 55.4459, 74.0117**, and the grayscale version is **60.7495, 63.9132, 69.6014**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **29.2896, 34.0203, 28.6898** is the 20% darker color. If you saturate the color by 10%, you get **51.9762, 63.1960, 46.6027**, and if you desaturate by 10%, it is **64.6033, 69.1542, 72.0997**.

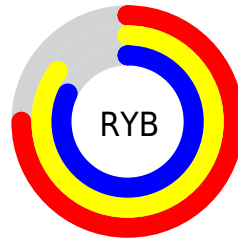
Distribution



Red (78%)

Green (85%)

Blue (75%)



Red (75%)

Yellow (85%)

Blue (82%)

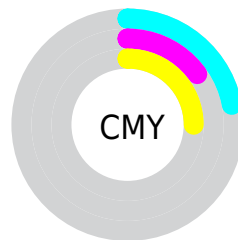


Cyan (9%)

Magenta (0%)

Yellow (13%)

Black (15%)



Cyan (22%)

Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9189, 66.0026, 58.4023 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 57.9189, 66.0026, 58.4023 by changing the saturation by 10% instead.

■ 57.9189, 66.0026,
58.4023

■ 57.9189, 66.0026,
58.4023

406.8424,
446.3862, 436.3234

■ 41.9865, 48.2745,
41.7153

■ 100.9284,
113.4901, 104.0290

■ 29.2818, 34.0443,
28.5545

128.7362,
144.0182, 133.8059

■ 19.4394, 22.9277,
18.5014

161.2331,
179.5819, 168.7830

■ 12.0941, 14.5401,
11.1374

198.7845,
220.5654, 209.3791

■ 6.8805, 8.4973,
6.0440

241.7558,
267.3532, 256.0127

■ 3.4331, 4.4147,
2.8026

290.5123,

■ 1.3867, 1.9082,

320.3297, 309.1022

0.9948

345.4194,
379.8792, 369.0663

■ 0.2467, 0.5533,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9189, 66.0026,
58.4023

■ 57.9189, 66.0026,
58.4023

■ 51.9762, 63.1960,
46.6027

■ 64.6033, 69.1542,
72.0997

■ 46.7432, 60.7139,
36.6132

■ 72.0493, 72.6537,
87.7691

■ 42.1934, 58.5467,
28.3452

■ 80.2175, 76.4884,
105.1436

■ 38.2965, 56.6808,
21.7014

■ 84.3627, 78.6254,
105.3376

■ 35.0197, 55.1017,
16.5744

■ 32.3271, 53.7934,
12.8441

■ 30.1783, 52.7381,
10.3721

■ 28.5265, 51.9154,
8.9918

■ 27.6030, 51.4498,
8.4760

Harmonies

Analogous

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



60.9838, 66.0026, 54.0323



57.9189, 66.0026, 58.4023



56.1801, 66.0026, 66.6037

Triad

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



57.9189, 66.0026, 58.4023



60.8682, 66.0026, 93.1381



69.8115, 66.0026, 66.9250

Complementary

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



57.9189, 66.0026, 58.4023



57.3653, 55.4459, 74.0117

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.



69.7776, 66.0026, 77.3976



57.9189, 66.0026, 58.4023



64.5164, 66.0026, 93.2456

Square

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



57.9189, 66.0026, 58.4023



57.8372, 66.0026, 86.9728



67.8078, 66.0026, 87.2536



67.8986, 66.0026, 58.6177

Rectangle

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



57.9189, 66.0026, 58.4023



55.9625, 66.0026, 73.4635



67.8078, 66.0026, 87.2536



70.0297, 66.0026, 70.2911

Sweetspot

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



57.9207, 66.0054, 58.4037



90.9500, 98.0711, 100.3622



60.9291, 64.0634, 57.8703



19.3062, 20.9156, 21.1489



0.0000, 0.0000, 0.0000



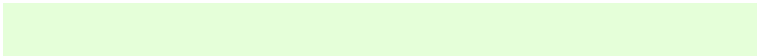
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9207, 66.0054, 58.4037



80.5787, 93.1818, 79.2142



56.1212, 65.0179, 61.0255



13.2785, 14.8083, 13.8840



16.6361, 30.8737, 5.0824



1.1661, 2.0457, 0.3334

Inverse Universe

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



57.3653, 55.4459, 74.0117



79.6596, 75.7195, 105.0246



59.3819, 56.5551, 70.9622



13.1864, 13.0542, 16.4769



15.0084, 6.8613, 40.2717



1.0607, 0.4901, 2.6131

Previews

White Background



This preview shows how the XYZ color 57.9189, 66.0026, 58.4023 looks on a white background.

Color Contrast Check

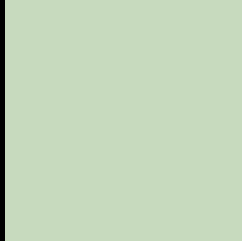
Large Text (above 18pt) WCAG AA × Fail

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 57.9189, 66.0026, 58.4023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

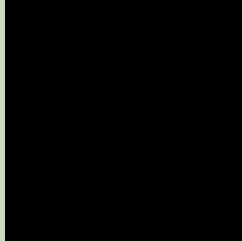
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

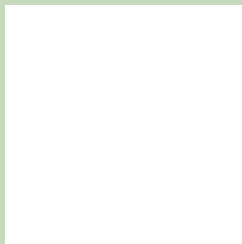
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9189, 66.0026, 58.4023

Background



This preview shows how black text looks on a background with the XYZ color 57.9189, 66.0026, 58.4023.



This preview shows how white text looks on a background with the XYZ color 57.9189, 66.0026,

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

57.9189, 66.0026, 58.4023

Protanopia

62.3881, 65.7060, 56.4080

Deuteranopia

67.1537, 65.5613, 59.5673



Tritanopia

62.8632, 65.7232, 83.5014

Trichromacy



Original Color

57.9189, 66.0026, 58.4023

Protanomaly

60.8552, 66.0201, 57.1127

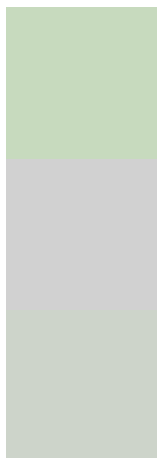
Deuteranomaly

63.3662, 65.4143, 59.1556

Tritanomaly

60.9409, 65.6959, 73.7586

Monochromacy



Original Color

57.9189, 66.0026, 58.4023

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.3810, 64.3304, 65.1644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9189, 66.0026, 58.4023 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(199, 218, 190) looks like.

```
.text, #text, p{  
    color:rgb(199, 218, 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(199, 218, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 218, 190) }
```

Border

The CSS property to change the border of an element to XYZ 57.9189, 66.0026, 58.4023 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(199, 218, 190) }
```


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

```
.border{ border-color:rgb(199, 218, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 218, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 218, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 218, 190);  
box-shadow:4px 4px 4px 4px rgb(199, 218,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9189, 66.0026, 58.4023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 218, 190) }
```

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

```
.background{ background-color: rgb(199,  
218, 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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