

Converting Colors

XYZ(58.7471, 66.0070, 61.4029)

Have a look what the booklet for
XYZ(58.7471, 66.0070, 61.4029)
contains.

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Color

**XYZ(58.7506, 65.9833,
61.2693)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D9C3
RGB	201, 217, 195
RGB Percent	79%, 85%, 76%
CMY	0.2118, 0.1490, 0.2353
CMYK	0.07, 0.00, 0.10, 0.15
HSL	104°, 22%, 81%
HSV	104°, 10%, 85%
XYZ	58.7506, 65.9833, 61.2693
YIQ	209.7080, -2.4740, -10.2340

Conversions

Conversions Part 2

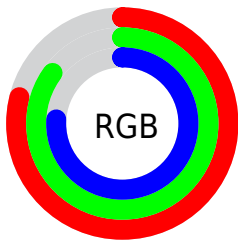
Format	Color
RYB	195, 217, 211
Decimal	13228483
CIELab	84.99, -9.37, 9.00
CIELCh	85, 12.994, 136.161
Yxy	65.9833, 0.3159, 0.3547
Android (android.graphics.Color)	4291418563 (0xFFC9D9C3)
YUV	209.7080, -7.2510, -7.6369
Hunter-Lab	81.2301, -13.0505, 12.1405

Details

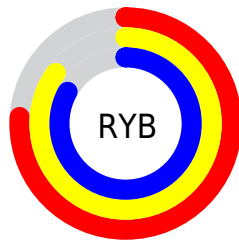
The XYZ color **58.7506, 65.9833, 61.2693** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9059, 57.8906, 73.7183**, and the grayscale version is **61.1158, 64.2986, 70.0212**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **29.7607, 33.9668, 30.1870** is the 20% darker color. If you saturate the color by 10%, you get **52.4464, 62.9985, 49.0838**, and if you desaturate by 10%, it is **65.8511, 69.3412, 75.3561**.

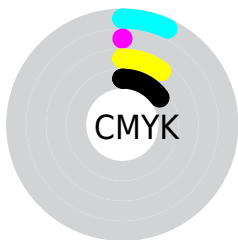
Distribution



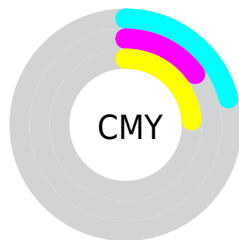
- Red (79%)
- Green (85%)
- Blue (76%)



- Red (76%)
- Yellow (85%)
- Blue (83%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7506, 65.9833, 61.2693 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 58.7506, 65.9833, 61.2693 by changing the saturation by 10% instead.

■ 58.7506, 65.9833,
61.2693

■ 58.7506, 65.9833,
61.2693

409.8860,
446.3172, 447.1946

■ 42.6580, 48.2588,
44.0106

102.1318,
113.4624, 108.2301

■ 29.8102, 34.0319,
30.3416

130.1511,
143.9858, 138.7692

■ 19.8419, 22.9181,
19.8437

162.8767,
179.5443, 174.5723

■ 12.3878, 14.5331,
12.0986

200.6739,
220.5223, 216.0577

■ 7.0824, 8.4923,
6.6875

243.9080,
267.3042, 263.6441

■ 3.5605, 4.4116,
3.1920

292.9445,

■ 1.4566, 1.9063,

320.2743, 317.7501

1.1935

348.1487,
379.8172, 378.7940

■ 0.2960, 0.5522,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7506, 65.9833,
61.2693

■ 58.7506, 65.9833,
61.2693

■ 52.4464, 62.9985,
49.0838

■ 65.8511, 69.3412,
75.3561

■ 46.9046, 60.3654,
38.7141

■ 73.7693, 73.0760,
91.4164

■ 42.0969, 58.0732,
30.0745

■ 81.7001, 76.8689,
105.1389

■ 37.9910, 56.1073,
23.0706

■ 84.1041, 78.1082,
105.2514

■ 34.5522, 54.4520,
17.5991

■ 31.7423, 53.0903,
13.5450

■ 29.5191, 52.0031,
10.7768

■ 27.8342, 51.1691,
9.1386

■ 26.6280, 50.5633,
8.3563

Harmonies

Analogous

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



61.1648, 65.9833, 57.4759



58.7506, 65.9833, 61.2693



57.4182, 65.9833, 68.0653

Triad

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



58.7506, 65.9833, 61.2693



61.3813, 65.9833, 88.6221



68.2659, 65.9833, 67.4598

Complementary

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



58.7506, 65.9833, 61.2693



58.9059, 57.8906, 73.7183

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.



68.3283, 65.9833, 75.7612



58.7506, 65.9833, 61.2693



64.2915, 65.9833, 88.4282

Square

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



58.7506, 65.9833, 61.2693



58.9048, 65.9833, 84.0825



66.8542, 65.9833, 83.5717



66.6864, 65.9833, 60.8557

Rectangle

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



58.7506, 65.9833, 61.2693



57.2951, 65.9833, 73.5848



66.8542, 65.9833, 83.5717



68.4666, 65.9833, 70.1321

Sweetspot

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



58.7524, 65.9861, 61.2707



91.8251, 98.4770, 102.4474



61.7046, 65.1673, 60.9571



19.4738, 20.9928, 21.5682



0.0000, 0.0000, 0.0000



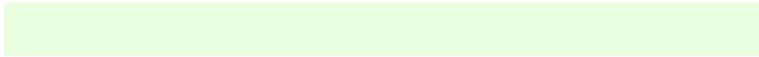
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7524, 65.9861, 61.2707



82.7896, 94.2041, 84.6255



57.7186, 65.3899, 64.0816



13.2181, 14.7771, 13.8812



16.2058, 30.6519, 5.0623



1.1320, 2.0281, 0.3318

Inverse Universe

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



58.9059, 57.8906, 73.7183



83.0499, 80.4582, 105.7605



60.0459, 58.5489, 70.5809



13.2501, 13.0871, 16.4798



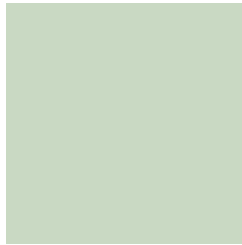
16.2031, 7.4772, 40.3276



1.1307, 0.5262, 2.6164

Previews

White Background



This preview shows how the XYZ color 58.7506, 65.9833, 61.2693 looks on a white background.

Color Contrast Check

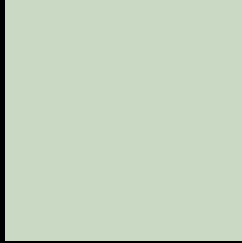
Large Text (above 18pt) WCAG AA × Fail

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 58.7506, 65.9833, 61.2693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

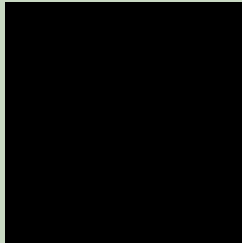
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

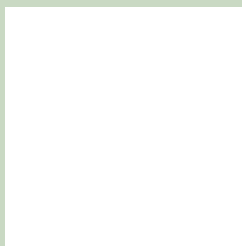
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7506, 65.9833, 61.2693

Background



This preview shows how black text looks on a background with the XYZ color 58.7506, 65.9833, 61.2693.



This preview shows how white text looks on a background with the XYZ color 58.7506, 65.9833,

61.2693.

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

58.7506, 65.9833, 61.2693

Protanopia

62.3239, 65.6099, 59.2483

Deuteranopia

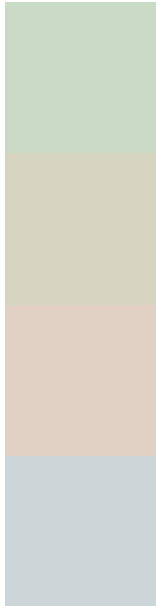
67.1693, 65.8710, 61.9975



Tritanopia

63.1399, 65.8659, 83.5143

Trichromacy



Original Color

58.7506, 65.9833, 61.2693

Protanomaly

60.8605, 65.5849, 59.9035

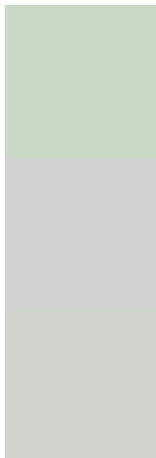
Deuteranomaly

63.8156, 65.5940, 61.5220

Tritanomaly

61.4728, 65.9403, 75.1334

Monochromacy



Original Color

58.7506, 65.9833, 61.2693

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.5458, 65.2617, 67.1633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7506, 65.9833, 61.2693 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, 217, 195) looks like.

```
.text, #text, p{  
    color:rgb(201, 217, 195)  
}
```

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, 217, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 217, 195) }
```

Border

The CSS property to change the border of an element to XYZ 58.7506, 65.9833, 61.2693 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, 217, 195) }
```


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

```
.border{ border-color:rgb(201, 217, 195) }
```

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

Here you see how a box with a 4 pixel rgb(201, 217, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 217, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 217, 195);  
box-shadow:4px 4px 4px 4px rgb(201, 217,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7506, 65.9833, 61.2693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 217, 195) }
```

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

```
.background{ background-color: rgb(201,  
217, 195) }
```

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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