

Converting Colors

XYZ(58.2849, 61.6288, 59.8669)

Have a look what the booklet for
XYZ(58.2849, 61.6288, 59.8669)
contains.

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Color

**XYZ(58.3873, 61.7393,
59.8785)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CEC2
RGB	210, 206, 194
RGB Percent	82%, 81%, 76%
CMY	0.1765, 0.1921, 0.2392
CMYK	0.00, 0.02, 0.08, 0.18
HSL	45°, 15%, 79%
HSV	45°, 8%, 82%
XYZ	58.3873, 61.7393, 59.8785
YIQ	205.8280, 6.2360, -2.8840

Conversions

Conversions Part 2

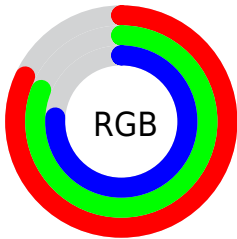
Format	Color
R _Y B	199, 210, 194
Decimal	13815490
CIE Lab	82.77, -0.71, 6.44
CIE LCh	83, 6.483, 96.309
Yxy	61.7393, 0.3244, 0.3430
Android (android.graphics.Color)	4292005570 (0xFFD2CEC2)
YUV	205.8280, -5.8312, 3.6588
Hunter-Lab	78.5744, -4.8647, 9.8194

Details

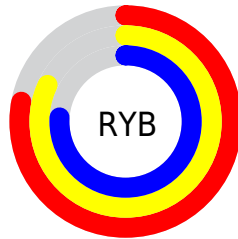
The XYZ color **58.3873, 61.7393, 59.8785** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0751, 56.5099, 69.0310**, and the grayscale version is **58.5910, 61.6423, 67.1284**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **29.6722, 31.4178, 29.3113** is the 20% darker color. If you saturate the color by 10%, you get **54.9524, 58.3805, 47.9082**, and if you desaturate by 10%, it is **62.2011, 65.3211, 73.6210**.

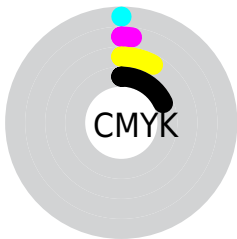
Distribution



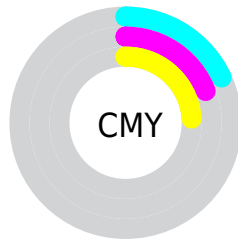
- Red (82%)
- Green (81%)
- Blue (76%)



- Red (78%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3873, 61.7393, 59.8785 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 58.3873, 61.7393, 59.8785 by changing the saturation by 10% instead.

■ 58.3873, 61.7393,
59.8785

■ 58.3873, 61.7393,
59.8785

408.5582,
430.9795, 441.9420

■ 42.3646, 44.8221,
42.8961

■ 101.6064,
107.3487, 106.1950

■ 29.5792, 31.3173,
29.4728

129.5334,
136.8096, 136.3662

■ 19.6659, 20.8406,
19.1901

162.1593,
171.2205, 171.7707

■ 12.2593, 13.0075,
11.6295

199.8493,
210.9659, 212.8271

■ 6.9940, 7.4337,
6.3725

242.9688,
256.4301, 259.9538

■ 3.5046, 3.7348,
3.0004

291.8833,

■ 1.4259, 1.5263,

307.9975, 313.5696

1.0949

346.9579,
366.0525, 374.0928

■ 0.2746, 0.3072,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3873, 61.7393,
59.8785

■ 58.3873, 61.7393,
59.8785

■ 54.9524, 58.3805,
47.9082

■ 62.2011, 65.3211,
73.6210

■ 51.8770, 55.2302,
37.6326

■ 66.4022, 69.1239,
89.2007

■ 49.1475, 52.2845,
28.9747

■ 70.6810, 73.0265,
104.9780

■ 46.7474, 49.5359,
21.8497

■ 72.0938, 75.8520,
105.4489

■ 44.6587, 46.9767,
16.1651

■ 73.5502, 78.7649,
105.9344

■ 42.8617, 44.5983,
11.8183

■ 75.0507, 81.7659,
106.4345

■ 41.3337, 42.3909,
8.6931

■ 76.5957, 84.8559,
106.9495

■ 40.0486, 40.3433,
6.6536

■ 78.1855, 88.0355,
107.4795

■ 38.9698, 38.4401,
5.5094

■ 79.8205, 91.3055,
108.0245

Harmonies

Analogous

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



59.7650, 61.7393, 60.4361



58.3873, 61.7393, 59.8785



57.1084, 61.7393, 61.2253

Triad

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



58.3873, 61.7393, 59.8785



56.5477, 61.7393, 71.8724



61.1703, 61.7393, 70.3556

Complementary

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



58.3873, 61.7393, 59.8785



54.0751, 56.5099, 69.0310

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.



60.2829, 61.7393, 73.6014



58.3873, 61.7393, 59.8785



57.6109, 61.7393, 74.5012

Square

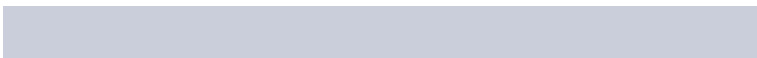
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.3873, 61.7393, 59.8785



56.0572, 61.7393, 68.0707



58.9764, 61.7393, 75.1461



61.3861, 61.7393, 66.3836

Rectangle

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



58.3873, 61.7393, 59.8785



56.4792, 61.7393, 63.0545



58.9764, 61.7393, 75.1461



60.9400, 61.7393, 71.5725

Sweetspot

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



58.3890, 61.7420, 59.8798



93.8346, 98.8658, 104.4977



56.0640, 56.3634, 61.3513



20.0972, 21.1733, 22.4129



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.



58.3890, 61.7420, 59.8798



89.7711, 95.0061, 89.9877



58.2386, 63.1109, 60.1520



12.5430, 13.2766, 12.5136



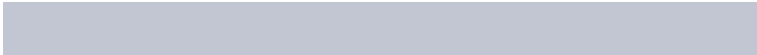
23.7072, 23.3473, 3.2570



1.3863, 1.4270, 0.2024

Inverse Universe

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



54.0751, 56.5099, 69.0310



81.8561, 85.4064, 106.7786



54.2142, 55.2434, 68.7792



11.4002, 11.8906, 14.9379



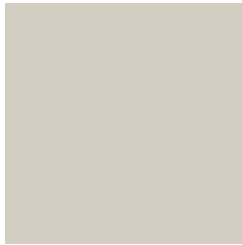
7.9251, 4.4968, 37.6428



0.5074, 0.3799, 2.1262

Previews

White Background



This preview shows how the XYZ color 58.3873, 61.7393, 59.8785 looks on a white background.

Color Contrast Check

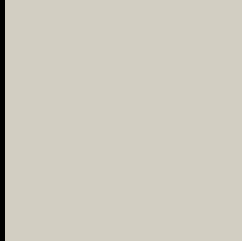
Large Text (above 18pt) WCAG AA × Fail

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 58.3873, 61.7393, 59.8785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

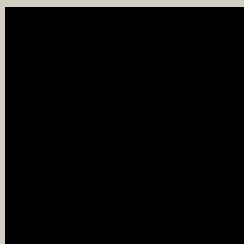
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

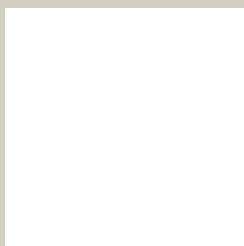
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3873, 61.7393, 59.8785

Background



This preview shows how black text looks on a background with the XYZ color 58.3873, 61.7393, 59.8785.

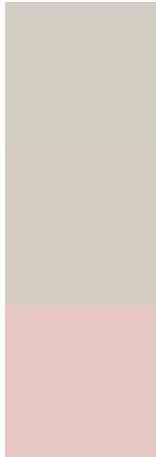


This preview shows how white text looks on a background with the XYZ color 58.3873, 61.7393,

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

58.3873, 61.7393, 59.8785

Protanopia

59.0095, 61.7038, 59.8388

Deuteranopia

62.9069, 61.6100, 60.2061



Tritanopia

61.5070, 61.5992, 74.9777

Trichromacy



Original Color

58.3873, 61.7393, 59.8785

Protanomaly

58.7203, 61.5547, 59.8253

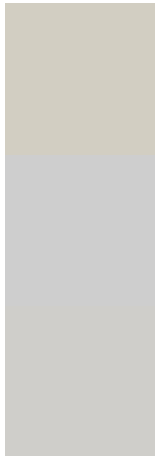
Deuteranomaly

61.4023, 61.8692, 60.3355

Tritanomaly

60.3051, 61.4615, 69.0064

Monochromacy



Original Color

58.3873, 61.7393, 59.8785

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.4641, 61.6723, 64.6997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3873, 61.7393, 59.8785 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(210, 206, 194) looks like.

```
.text, #text, p{  
    color:rgb(210, 206, 194)  
}
```

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(210, 206, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 206, 194) }
```

Border

The CSS property to change the border of an element to XYZ 58.3873, 61.7393, 59.8785 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(210, 206, 194) }
```


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

```
.border{ border-color:rgb(210, 206, 194) }
```

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

Here you see how a box with a 4 pixel rgb(210, 206, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 206, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 206, 194);  
box-shadow:4px 4px 4px 4px rgb(210, 206,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3873, 61.7393, 59.8785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 206, 194) }
```

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

```
.background{ background-color: rgb(210,  
206, 194) }
```

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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