

Converting Colors

XYZ(59.0136, 61.4562, 60.2029)

Have a look what the booklet for
XYZ(59.0136, 61.4562, 60.2029)
contains.

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Color

**XYZ(58.8838, 61.2720,
60.3529)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CCC3
RGB	213, 204, 195
RGB Percent	84%, 80%, 76%
CMY	0.1647, 0.2000, 0.2353
CMYK	0.00, 0.04, 0.08, 0.16
HSL	30°, 18%, 80%
HSV	30°, 8%, 84%
XYZ	58.8838, 61.2720, 60.3529
YIQ	205.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

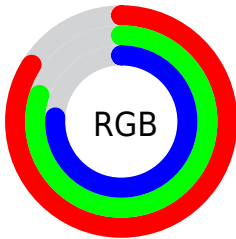
Format	Color
R _Y B	213, 213, 195
Decimal	14011587
CIE Lab	82.52, 1.57, 5.58
CIE LCh	83, 5.796, 74.327
Yxy	61.2720, 0.3262, 0.3394
Android (android.graphics.Color)	4292201667 (0xFFD5CCC3)
YUV	205.6650, -5.2578, 6.4328
Hunter-Lab	78.2764, -2.7063, 9.0796

Details

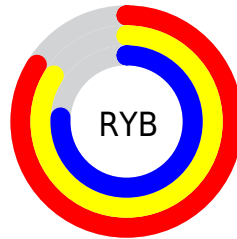
The XYZ color **58.8838, 61.2720, 60.3529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1087, 59.5910, 71.4965**, and the grayscale version is **58.4823, 61.5280, 67.0040**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **29.8146, 31.0049, 29.6124** is the 20% darker color. If you saturate the color by 10%, you get **54.2014, 55.4898, 47.7458**, and if you desaturate by 10%, it is **64.0862, 67.5430, 74.8297**.

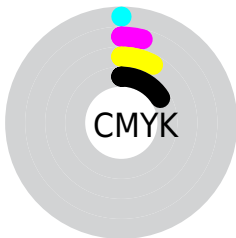
Distribution



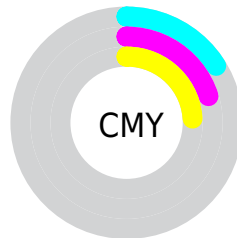
- Red (84%)
- Green (80%)
- Blue (76%)



- Red (84%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8838, 61.2720, 60.3529 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 58.8838, 61.2720, 60.3529 by changing the saturation by 10% instead.

■ 58.8838, 61.2720,
60.3529

■ 58.8838, 61.2720,
60.3529

410.3721,
429.2706, 443.7380

■ 42.7656, 44.4447,
43.2760

102.3244,
106.6727, 106.8898

■ 29.8950, 31.0203,
29.7687

130.3774,
136.0149, 137.1869

■ 19.9066, 20.6143,
19.4125

163.1395,
170.2975, 172.7277

■ 12.4350, 12.8424,
11.7889

200.9759,
209.9049, 213.9310

■ 7.1150, 7.3201,
6.4793

244.2520,
255.2215, 261.2151

■ 3.5811, 3.6631,
3.0652

293.3332,

■ 1.4680, 1.4869,

306.6317, 314.9986

1.1280

348.5848,
364.5200, 375.7001

■ 0.3039, 0.2795,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8838, 61.2720,
60.3529

■ 58.8838, 61.2720,
60.3529

■ 54.2014, 55.4898,
47.7458

■ 64.0862, 67.5430,
74.8297

■ 50.0159, 50.1756,
36.9271

■ 69.8204, 74.3067,
91.2451

■ 46.3101, 45.3189,
27.8153

■ 75.4696, 81.3237,
106.3271

■ 43.0635, 40.9056,
20.3210

■ 78.6256, 87.6357,
107.3791

■ 40.2540, 36.9209,
14.3465

■ 81.2509, 92.8863,
108.2542

■ 37.8574, 33.3487,
9.7835

■ 35.8466, 30.1717,
6.5089

■ 34.1900, 27.3706,
4.3783

■ 32.8422, 24.9199,
3.1738

Harmonies

Analogous

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



59.9598, 61.2720, 62.0556



58.8838, 61.2720, 60.3529



57.6491, 61.2720, 60.3140

Triad

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



58.8838, 61.2720, 60.3529



55.9571, 61.2720, 68.4191



59.9194, 61.2720, 71.7206

Complementary

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



58.8838, 61.2720, 60.3529



56.1087, 59.5910, 71.4965

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.



58.8293, 61.2720, 73.5531



58.8838, 61.2720, 60.3529



56.5479, 61.2720, 71.6016

Square

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



58.8838, 61.2720, 60.3529



55.9712, 61.2720, 64.8867



57.5953, 61.2720, 73.5088



60.5635, 61.2720, 68.5769

Rectangle

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



58.8838, 61.2720, 60.3529



56.9028, 61.2720, 61.2322



57.5953, 61.2720, 73.5088



59.5923, 61.2720, 72.5153

Sweetspot

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



58.8855, 61.2747, 60.3542



92.6350, 97.1018, 102.1393



57.8556, 57.5369, 65.1840



19.6922, 20.6204, 21.4848



0.0000, 0.0000, 0.0000



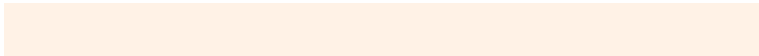
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8855, 61.2747, 60.3542



87.2810, 90.6015, 87.3829



61.0860, 65.6756, 61.0877



12.9313, 13.4369, 13.0727



20.0469, 15.2110, 1.8794



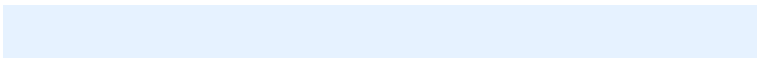
1.2919, 1.0830, 0.1410

Inverse Universe

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



56.1087, 59.5910, 71.4965



82.3479, 87.6103, 107.1780



54.0319, 55.4373, 70.8043



12.2502, 13.0239, 15.8057



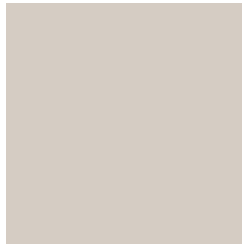
10.6156, 9.4929, 39.7260



0.7231, 0.7381, 2.4237

Previews

White Background



This preview shows how the XYZ color 58.8838, 61.2720, 60.3529 looks on a white background.

Color Contrast Check

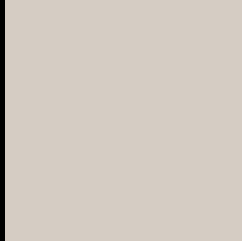
Large Text (above 18pt) WCAG AA × Fail

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 58.8838, 61.2720, 60.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

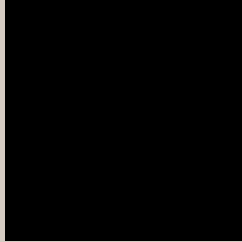
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

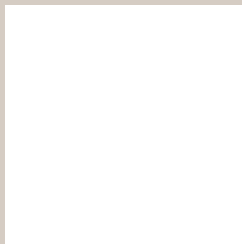
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8838, 61.2720, 60.3529

Background



This preview shows how black text looks on a background with the XYZ color 58.8838, 61.2720, 60.3529.

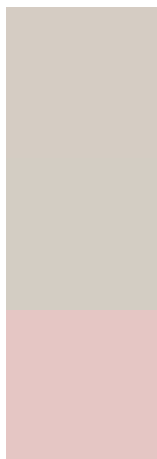


This preview shows how white text looks on a background with the XYZ color 58.8838, 61.2720,

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

58.8838, 61.2720, 60.3529

Protanopia

58.5456, 61.4517, 60.4054

Deuteranopia

62.4710, 61.0317, 60.7123



Tritanopia

61.7299, 61.3820, 74.2400

Trichromacy



Original Color

58.8838, 61.2720, 60.3529

Protanomaly

58.8330, 61.5998, 60.4189

Deuteranomaly

61.0495, 60.9821, 60.7776

Tritanomaly

60.6535, 61.2916, 68.9553

Monochromacy



Original Color

58.8838, 61.2720, 60.3529

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.7865, 61.4822, 64.6460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8838, 61.2720, 60.3529 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(213, 204, 195) looks like.

```
.text, #text, p{  
    color:rgb(213, 204, 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(213, 204, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 204, 195) }
```

Border

The CSS property to change the border of an element to XYZ 58.8838, 61.2720, 60.3529 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(213, 204, 195) }
```


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

```
.border{ border-color:rgb(213, 204, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 204, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 204, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 204, 195);  
box-shadow:4px 4px 4px 4px rgb(213, 204,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8838, 61.2720, 60.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 204, 195) }
```

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

```
.background{ background-color: rgb(213,  
204, 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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