

Converting Colors

XYZ(58.8697, 61.8612, 62.3773)

Have a look what the booklet for
XYZ(58.8697, 61.8612, 62.3773)
contains.

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Color

**XYZ(58.8427, 61.9215,
62.2768)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CEC6
RGB	210, 206, 198
RGB Percent	82%, 81%, 78%
CMY	0.1765, 0.1921, 0.2235
CMYK	0.00, 0.02, 0.06, 0.18
HSL	40°, 12%, 80%
HSV	40°, 6%, 82%
XYZ	58.8427, 61.9215, 62.2768
YIQ	206.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

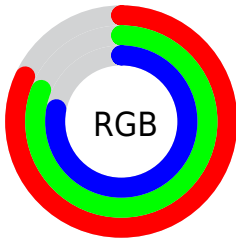
Format	Color
RYB	204, 210, 198
Decimal	13815494
CIELab	82.87, -0.03, 4.45
CIELCh	83, 4.452, 90.367
Yxy	61.9215, 0.3215, 0.3383
Android (android.graphics.Color)	4292005574 (0xFFD2CEC6)
YUV	206.2840, -4.0840, 3.2589
Hunter-Lab	78.6902, -4.2298, 8.1600

Details

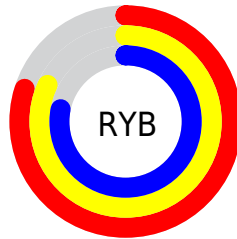
The XYZ color **58.8427, 61.9215, 62.2768** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0420, 58.8990, 69.3884**, and the grayscale version is **58.8727, 61.9387, 67.4513**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9726, 31.5380, 30.8933** is the 20% darker color. If you saturate the color by 10%, you get **54.9408, 57.7286, 49.8428**, and if you desaturate by 10%, it is **63.1589, 66.4040, 76.5074**.

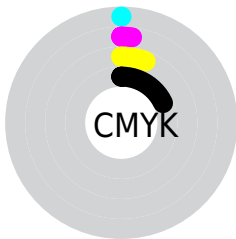
Distribution



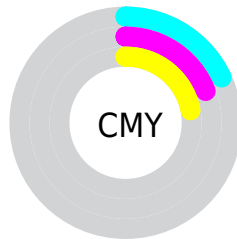
- Red (82%)
- Green (81%)
- Blue (78%)



- Red (80%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8427, 61.9215, 62.2768 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 58.8427, 61.9215, 62.2768 by changing the saturation by 10% instead.

■ 58.8427, 61.9215,
62.2768

■ 58.8427, 61.9215,
62.2768

410.2222,
431.6447, 450.9755

■ 42.7324, 44.9693,
44.8192

102.2649,
107.6121, 109.7010

■ 29.8688, 31.4332,
30.9731

130.3076,
137.1192, 140.5046

■ 19.8866, 20.9290,
20.3201

163.0584,
171.5801, 176.5939

■ 12.4204, 13.0721,
12.4415

200.8827,
211.3791, 218.3875

■ 7.1049, 7.4782,
6.9190

244.1459,
256.9007, 266.3039

■ 3.5747, 3.7629,
3.3338

293.2133,

■ 1.4645, 1.5418,

308.5292, 320.7617

1.2675

348.4503,
366.6491, 382.1794

■ 0.3015, 0.3179,
0.0349

■ 0.0000, 0.0000,
0.0000

■ 58.8427, 61.9215,
62.2768

■ 58.8427, 61.9215,
62.2768

■ 54.9408, 57.7286,
49.8428

■ 63.1589, 66.4040,
76.5074

■ 51.4333, 53.8097,
39.1286

■ 67.8980, 71.1751,
92.5990

■ 48.3063, 50.1598,
30.0579

■ 72.0935, 75.8515,
105.4488

■ 45.5429, 46.7705,
22.5472

■ 74.0451, 79.7547,
106.0993

■ 43.1249, 43.6329,
16.5052

■ 76.0753, 83.8151,
106.7761

■ 41.0322, 40.7372,
11.8315

■ 78.1849, 88.0344,
107.4793

■ 39.2422, 38.0728,
8.4126

■ 80.3749, 92.4144,
108.2093

■ 37.7290, 35.6275,
6.1166

■ 80.3886, 92.4418,
108.2139

■ 36.4605, 33.3866,
4.7810

Harmonies

Analogous

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



59.7711, 61.9215, 62.9342



58.8427, 61.9215, 62.2768



57.9271, 61.9215, 62.9666

Triad

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



58.8427, 61.9215, 62.2768



57.2775, 61.9215, 70.1277



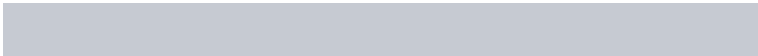
60.4722, 61.9215, 70.0675

Complementary

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



58.8427, 61.9215, 62.2768



56.0420, 58.8990, 69.3884

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.



59.7919, 61.9215, 72.0828



58.8427, 61.9215, 62.2768



57.9473, 61.9215, 72.1182

Square

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



58.8427, 61.9215, 62.2768



57.0294, 61.9215, 67.4559



58.8664, 61.9215, 72.8430



60.7182, 61.9215, 67.3881

Rectangle

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



58.8427, 61.9215, 62.2768



57.4455, 61.9215, 64.1086



58.8664, 61.9215, 72.8430



60.2864, 61.9215, 70.8476

Sweetspot

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



58.8444, 61.9242, 62.2781



93.7002, 98.5970, 104.4529



57.4339, 58.3550, 64.1145



20.0699, 21.1186, 22.4038



0.0000, 0.0000, 0.0000



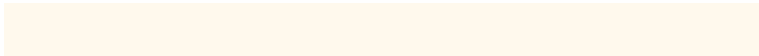
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8444, 61.9242, 62.2781



90.4410, 95.1691, 93.8384



59.2528, 63.5811, 62.5764



12.6212, 13.2806, 13.0095



22.0348, 20.0026, 2.6995



1.3033, 1.2610, 0.1747

Inverse Universe

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



56.0420, 58.8990, 69.3884



85.1039, 89.4079, 107.3797



55.6472, 57.3216, 69.1047



11.8293, 12.4258, 15.0186



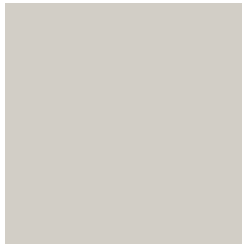
8.5122, 5.6710, 37.8385



0.5483, 0.4618, 2.1398

Previews

White Background



This preview shows how the XYZ color 58.8427, 61.9215, 62.2768 looks on a white background.

Color Contrast Check

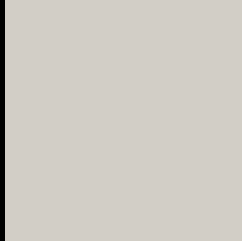
Large Text (above 18pt) WCAG AA × Fail

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 58.8427, 61.9215, 62.2768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

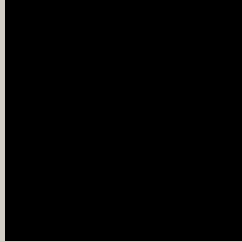
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

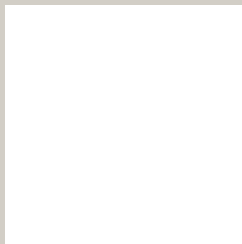
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8427, 61.9215, 62.2768

Background



This preview shows how black text looks on a background with the XYZ color 58.8427, 61.9215, 62.2768.

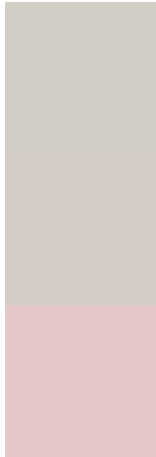


This preview shows how white text looks on a background with the XYZ color 58.8427, 61.9215,

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

58.8427, 61.9215, 62.2768

Protanopia

59.1757, 61.7369, 62.2236

Deuteranopia

63.0453, 61.6284, 62.6055



Tritanopia

61.5827, 61.9725, 75.7340

Trichromacy



Original Color

58.8427, 61.9215, 62.2768

Protanomaly

58.8883, 61.5887, 62.2101

Deuteranomaly

61.5535, 61.8942, 62.7354

Tritanomaly

60.5021, 61.8859, 70.3844

Monochromacy



Original Color

58.8427, 61.9215, 62.2768

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.5829, 61.7198, 65.3254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8427, 61.9215, 62.2768 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, 198) looks like.

```
.text, #text, p{  
    color:rgb(210, 206, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 206, 198) }
```

Border

The CSS property to change the border of an element to XYZ 58.8427, 61.9215, 62.2768 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, 198) }
```


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

```
.border{ border-color:rgb(210, 206, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 206, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 206, 198); box-shadow:4px 4px 4px 4px rgb(210, 206, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8427, 61.9215, 62.2768 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, 198) }
```

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

```
.background{ background-color: rgb(210,  
206, 198) }
```

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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