

Converting Colors

XYZ(58.8651, 61.1856, 62.3924)

Have a look what the booklet for
XYZ(58.8651, 61.1856, 62.3924)
contains.

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Color

**XYZ(58.9373, 61.2600,
62.1441)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D4CCC6 |
| RGB | 212, 204, 198 |
| RGB Percent | 83%, 80%, 78% |
| CMY | 0.1686, 0.2000, 0.2235 |
| CMYK | 0.00, 0.04, 0.07, 0.17 |
| HSL | 26°, 14%, 80% |
| HSV | 26°, 7%, 83% |
| XYZ | 58.9373, 61.2600, 62.1441 |
| YIQ | 205.7080, 6.6940, -0.1700 |

Conversions

Conversions Part 2

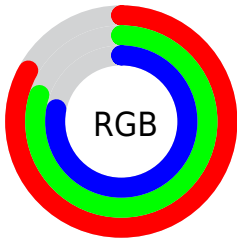
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 212, 209, 198 |
| Decimal | 13946054 |
| CIE Lab | 82.52, 1.72, 3.96 |
| CIE LCh | 83, 4.319, 66.492 |
| Yxy | 61.2600, 0.3232, 0.3360 |
| Android (android.graphics.Color) | 4292136134 (0xFFD4CCC6) |
| YUV | 205.7080, -3.8000, 5.5181 |
| Hunter-Lab | 78.2688, -2.5578, 7.7129 |

Details

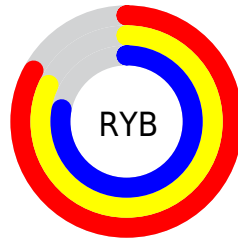
The XYZ color **58.9373, 61.2600, 62.1441** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2436, 60.9009, 71.0261**, and the grayscale version is **58.5015, 61.5481, 67.0259**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.8450, 30.9944, 30.7951** is the 20% darker color. If you saturate the color by 10%, you get **53.8947, 54.8175, 49.2315**, and if you desaturate by 10%, it is **64.5495, 68.2924, 76.9367**.

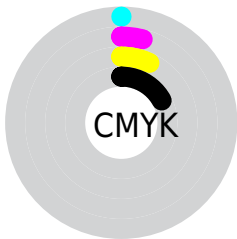
Distribution



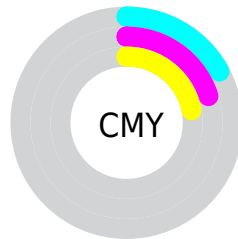
- Red (83%)
- Green (80%)
- Blue (78%)



- Red (83%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9373, 61.2600, 62.1441 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 58.9373, 61.2600, 62.1441 by changing the saturation by 10% instead.

■ 58.9373, 61.2600,
62.1441

■ 58.9373, 61.2600,
62.1441

410.5673,
429.2267, 450.4787

■ 42.8088, 44.4350,
44.7126

102.4017,
106.6553, 109.5074

■ 29.9290, 31.0127,
30.8898

130.4683,
135.9944, 140.2763

■ 19.9325, 20.6085,
20.2572

163.2450,
170.2737, 176.3280

■ 12.4540, 12.8381,
12.3962

201.0971,
209.8776, 218.0811

■ 7.1280, 7.3172,
6.8883

244.3901,
255.1904, 265.9542

■ 3.5893, 3.6612,
3.3150

293.4892,

■ 1.4725, 1.4859,

306.5966, 320.3658

1.2576

348.7598,
364.4806, 381.7345

■ 0.3070, 0.2788,
0.0267

■ 0.0000, 0.0000,
0.0000

■ 58.9373, 61.2600,
62.1441

■ 58.9373, 61.2600,
62.1441

■ 53.8947, 54.8175,
49.2315

■ 64.5495, 68.2924,
76.9367

■ 49.3972, 48.9410,
38.1188

■ 70.7443, 75.9216,
93.6770

■ 45.4263, 43.6167,
28.7258

■ 76.4593, 83.7324,
106.7399

■ 41.9602, 38.8271,
20.9650

■ 80.1503, 91.1144,
107.9702

■ 38.9755, 34.5539,
14.7408

■ 80.9617, 92.7372,
108.2407

■ 36.4465, 30.7773,
9.9474

■ 34.3449, 27.4761,
6.4659

■ 32.6381, 24.6268,
4.1571

■ 31.2859, 22.2024,
2.8433

Harmonies

Analogous

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



59.6657, 61.2600, 63.7215



58.9373, 61.2600, 62.1441



58.0252, 61.2600, 61.7731

Triad

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



58.9373, 61.2600, 62.1441



56.4784, 61.2600, 67.2786



59.2887, 61.2600, 70.8763

Complementary

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



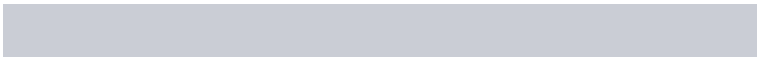
58.9373, 61.2600, 62.1441



57.2436, 60.9009, 71.0261

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.



58.4269, 61.2600, 71.8857



58.9373, 61.2600, 62.1441



56.8092, 61.2600, 69.7735

Square

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



58.9373, 61.2600, 62.1441



56.6119, 61.2600, 64.6928



57.5200, 61.2600, 71.4769



59.8701, 61.2600, 68.7518

Rectangle

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



58.9373, 61.2600, 62.1441



57.4369, 61.2600, 62.2509



57.5200, 61.2600, 71.4769



59.0218, 61.2600, 71.3598

Sweetspot

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



58.9390, 61.2627, 62.1454



93.3174, 97.8314, 104.3253



58.5071, 58.8505, 66.7752



19.9920, 20.9628, 22.3778



0.0000, 0.0000, 0.0000



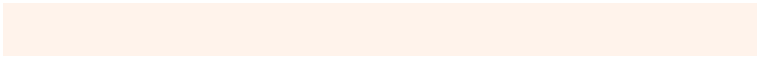
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9390, 61.2627, 62.1454



88.3326, 91.5450, 91.3089



60.5981, 64.5809, 62.6985



12.8568, 13.2878, 13.0479



19.1621, 13.4414, 1.5845



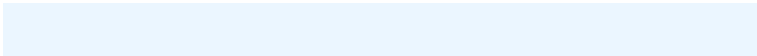
1.2370, 0.9732, 0.1226

Inverse Universe

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



57.2436, 60.9009, 71.0261



85.2114, 90.8789, 107.6580



55.6350, 57.6837, 70.4899



12.3255, 13.1744, 15.8308



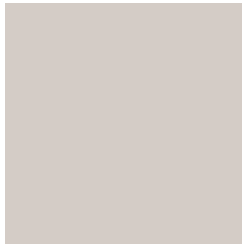
11.6651, 11.5920, 40.0758



0.7850, 0.8620, 2.4443

Previews

White Background



This preview shows how the XYZ color 58.9373, 61.2600, 62.1441 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 58.9373, 61.2600, 62.1441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

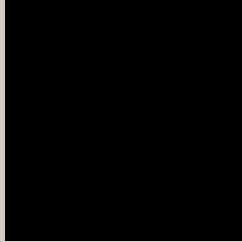
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9373, 61.2600, 62.1441

Background



This preview shows how black text looks on a background with the XYZ color 58.9373, 61.2600, 62.1441.

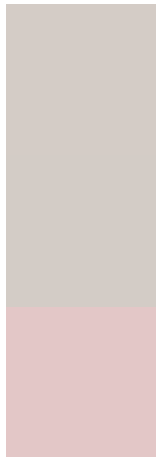


This preview shows how white text looks on a background with the XYZ color 58.9373, 61.2600,

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

58.9373, 61.2600, 62.1441

Protanopia

58.6499, 61.1118, 62.1307

Deuteranopia

62.4108, 61.3013, 62.5758



Tritanopia

61.4354, 61.2301, 74.2262

Trichromacy



Original Color

58.9373, 61.2600, 62.1441

Protanomaly

58.6499, 61.1118, 62.1307

Deuteranomaly

61.3196, 61.4264, 62.6574

Tritanomaly

60.4849, 61.1903, 69.5958

Monochromacy



Original Color

58.9373, 61.2600, 62.1441

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.6232, 61.3843, 65.2585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9373, 61.2600, 62.1441 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(212, 204, 198) looks like.

```
.text, #text, p{  
    color:rgb(212, 204, 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(212, 204, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 204, 198) }
```

Border

The CSS property to change the border of an element to XYZ 58.9373, 61.2600, 62.1441 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(212, 204, 198) }
```


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

```
.border{ border-color:rgb(212, 204, 198) }
```

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

Here you see how a box with a 4 pixel rgb(212, 204, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 204, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 204, 198);  
box-shadow:4px 4px 4px 4px rgb(212, 204,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9373, 61.2600, 62.1441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 204, 198) }
```

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

```
.background{ background-color: rgb(212,  
204, 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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