

Converting Colors

XYZ(58.7218, 60.8291, 62.0723)

Have a look what the booklet for
XYZ(58.7218, 60.8291, 62.0723)
contains.

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Color

**XYZ(58.7004, 60.7861,
62.0651)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CBC6
RGB	212, 203, 198
RGB Percent	83%, 80%, 78%
CMY	0.1686, 0.2039, 0.2235
CMYK	0.00, 0.04, 0.07, 0.17
HSL	21°, 14%, 80%
HSV	21°, 7%, 83%
XYZ	58.7004, 60.7861, 62.0651
YIQ	205.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

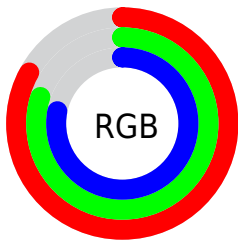
Format	Color
RYP	212, 206, 198
Decimal	13945798
CIELab	82.26, 2.25, 3.59
CIElCh	82, 4.237, 57.951
Yxy	60.7861, 0.3233, 0.3348
Android (android.graphics.Color)	4292135878 (0xFFD4CBC6)
YUV	205.1210, -3.5107, 6.0329
Hunter-Lab	77.9654, -2.0464, 7.3775

Details

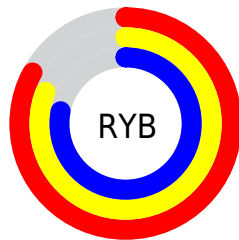
The XYZ color **58.7004, 60.7861, 62.0651** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4852, 61.3841, 71.1068**, and the grayscale version is **58.1253, 61.1523, 66.5948**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6861, 30.6766, 30.7421** is the 20% darker color. If you saturate the color by 10%, you get **53.3476, 53.7233, 49.0491**, and if you desaturate by 10%, it is **64.6817, 68.5566, 76.9807**.

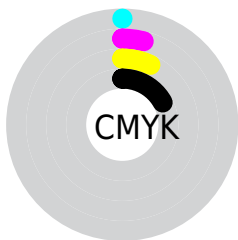
Distribution



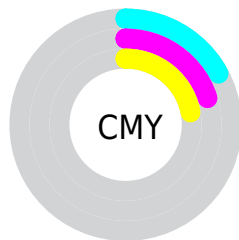
- Red (83%)
- Green (80%)
- Blue (78%)



- Red (83%)
- Yellow (81%)
- 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 58.7004, 60.7861, 62.0651 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 58.7004, 60.7861, 62.0651 by changing the saturation by 10% instead.

■ 58.7004, 60.7861,
62.0651

■ 58.7004, 60.7861,
62.0651

409.7027,
427.4893, 450.1827

■ 42.6174, 44.0526,
44.6492

102.0592,
105.9692, 109.3921

■ 29.7783, 30.7118,
30.8403

130.0658,
135.1875, 140.1403

■ 19.8176, 20.3795,
20.2198

162.7776,
169.3362, 176.1696

■ 12.3700, 12.6712,
12.3692

200.5600,
208.7997, 217.8987

■ 7.0702, 7.2025,
6.8701

243.7783,
253.9623, 265.7460

■ 3.5528, 3.5891,
3.3038

292.7980,

■ 1.4524, 1.4465,

305.2086, 320.1301

1.2518

347.9843,
362.9227, 381.4695

■ 0.2931, 0.2506,
0.0218

■ 0.0000, 0.0000,
0.0000

■ 58.7004, 60.7861,
62.0651

■ 58.7004, 60.7861,
62.0651

■ 53.3476, 53.7233,
49.0491

■ 64.6817, 68.5566,
76.9807

■ 48.5968, 47.3400,
37.8519

■ 71.3066, 77.0462,
93.8644

■ 44.4270, 41.6180,
28.3927

■ 77.5148, 85.8433,
107.0917

■ 40.8141, 36.5348,
20.5829

■ 80.9618, 92.7373,
108.2407

■ 37.7320, 32.0668,
14.3262

■ 35.1524, 28.1889,
9.5160

■ 33.0438, 24.8738,
6.0321

■ 31.3706, 22.0917,
3.7346

■ 30.0889, 19.8084,
2.4443

Harmonies

Analogous

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



59.3207, 60.7861, 63.8852



58.7004, 60.7861, 62.0651



57.8374, 60.7861, 61.3458

Triad

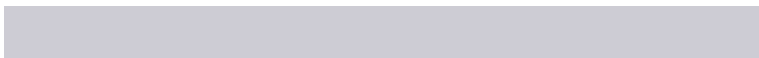
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.7004, 60.7861, 62.0651



56.0597, 60.7861, 66.0083



58.5919, 60.7861, 70.6701

Complementary

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



58.7004, 60.7861, 62.0651



57.4852, 61.3841, 71.1068

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.



57.7134, 60.7861, 71.2737



58.7004, 60.7861, 62.0651



56.2571, 60.7861, 68.5408

Square

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



58.7004, 60.7861, 62.0651



56.3181, 60.7861, 63.5853



56.8601, 60.7861, 70.4848



59.2576, 60.7861, 68.8561

Rectangle

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



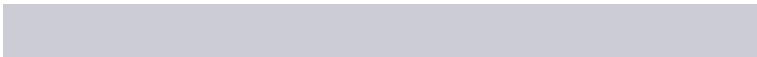
58.7004, 60.7861, 62.0651



57.2426, 60.7861, 61.5729



56.8601, 60.7861, 70.4848



58.3114, 60.7861, 71.0234

Sweetspot

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



58.7021, 60.7888, 62.0664



93.2030, 97.6026, 104.2872



58.6211, 58.8960, 67.3749



19.9687, 20.9162, 22.3701



0.0000, 0.0000, 0.0000



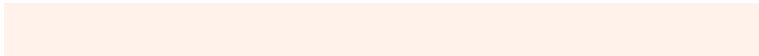
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7021, 60.7888, 62.0664



87.8973, 90.6744, 91.1638



60.3672, 64.1191, 62.6215



12.7828, 13.1399, 13.0232



18.4339, 11.9851, 1.3418



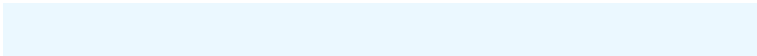
1.1889, 0.8769, 0.1066

Inverse Universe

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



57.4852, 61.3841, 71.1068



85.6571, 91.7702, 107.8066



55.8507, 58.1150, 70.5620



12.4015, 13.3264, 15.8561



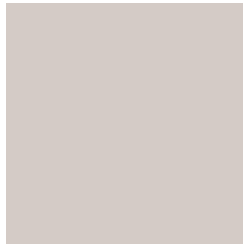
12.8896, 14.0409, 40.4840



0.8544, 1.0007, 2.4674

Previews

White Background



This preview shows how the XYZ color 58.7004, 60.7861, 62.0651 looks on a white background.

Color Contrast Check

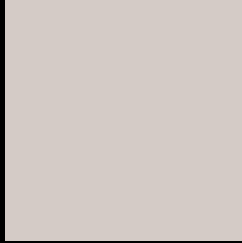
Large Text (above 18pt) WCAG AA × Fail

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 58.7004, 60.7861, 62.0651 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

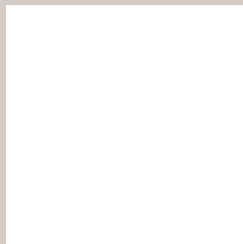
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7004, 60.7861, 62.0651

Background



This preview shows how black text looks on a background with the XYZ color 58.7004, 60.7861, 62.0651.

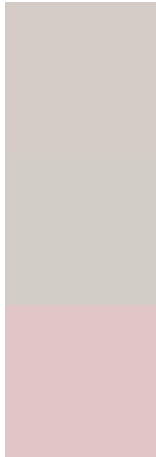


This preview shows how white text looks on a background with the XYZ color 58.7004, 60.7861,

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

58.7004, 60.7861, 62.0651

Protanopia

58.3643, 60.9646, 62.1173

Deuteranopia

61.8669, 60.6804, 62.4846



Tritanopia

61.0733, 60.7135, 73.4657

Trichromacy



Original Color

58.7004, 60.7861, 62.0651

Protanomaly

58.6499, 61.1118, 62.1307

Deuteranomaly

60.7819, 60.8042, 62.5657

Tritanomaly

60.1268, 60.6729, 68.8636

Monochromacy



Original Color

58.7004, 60.7861, 62.0651

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.2660, 60.8599, 64.5533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7004, 60.7861, 62.0651 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, 203, 198) looks like.

```
.text, #text, p{  
    color:rgb(212, 203, 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, 203, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 203, 198) }
```

Border

The CSS property to change the border of an element to XYZ 58.7004, 60.7861, 62.0651 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, 203, 198) }
```


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

```
.border{ border-color:rgb(212, 203, 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, 203, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 203, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 203, 198);  
box-shadow:4px 4px 4px 4px rgb(212, 203,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7004, 60.7861, 62.0651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 203, 198) }
```

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

```
.background{ background-color: rgb(212,  
203, 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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