

Converting Colors

XYZ(59.8268, 63.0101, 60.2898)

Have a look what the booklet for
XYZ(59.8268, 63.0101, 60.2898)
contains.

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Color

**XYZ(59.7820, 62.8168,
60.0129)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CFC2
RGB	214, 207, 194
RGB Percent	84%, 81%, 76%
CMY	0.1608, 0.1882, 0.2392
CMYK	0.00, 0.03, 0.09, 0.16
HSL	39°, 20%, 80%
HSV	39°, 9%, 84%
XYZ	59.7820, 62.8168, 60.0129
YIQ	207.6110, 8.3450, -2.5590

Conversions

Conversions Part 2

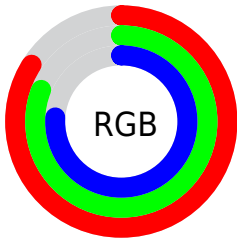
Format	Color
R _Y B	205, 214, 194
Decimal	14077890
CIE Lab	83.35, 0.18, 7.31
CIE LCh	83, 7.308, 88.566
Yxy	62.8168, 0.3274, 0.3440
Android (android.graphics.Color)	4292267970 (0xFFD6CFC2)
YUV	207.6110, -6.7102, 5.6032
Hunter-Lab	79.2571, -4.0609, 10.5859

Details

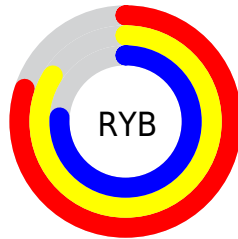
The XYZ color **59.7820, 62.8168, 60.0129** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2723, 58.0968, 71.9197**, and the grayscale version is **59.7421, 62.8533, 68.4473**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **30.4229, 32.0468, 29.3931** is the 20% darker color. If you saturate the color by 10%, you get **55.7793, 58.3842, 47.6626**, and if you desaturate by 10%, it is **64.2203, 67.5654, 74.2175**.

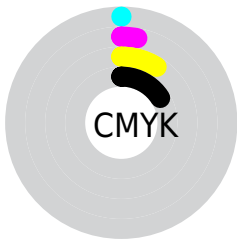
Distribution



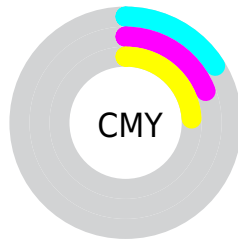
- Red (84%)
- Green (81%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7820, 62.8168, 60.0129 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 59.7820, 62.8168, 60.0129 by changing the saturation by 10% instead.

■ 59.7820, 62.8168,
60.0129

■ 59.7820, 62.8168,
60.0129

413.6414,
434.9043, 442.4513

■ 43.4917, 45.6930,
43.0037

■ 103.6215,
108.9052, 106.3919

■ 30.4673, 32.0036,
29.5566

131.9015,
138.6385, 136.5988

■ 20.3434, 21.3643,
19.2531

164.9087,
173.3439, 172.0420

■ 12.7546, 13.3905,
11.6746

203.0086,
213.4056, 213.1400

■ 7.3356, 7.6980,
6.4027

246.5664,
259.2082, 260.3114

■ 3.7211, 3.9023,
3.0187

295.9476,

■ 1.5456, 1.6191,

311.1358, 313.9747

1.1042

351.5175,
369.5731, 374.5485

■ 0.3565, 0.3704,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7820, 62.8168,
60.0129

■ 59.7820, 62.8168,
60.0129

■ 55.7793, 58.3842,
47.6626

■ 64.2203, 67.5654,
74.2175

■ 52.1911, 54.2511,
37.0847

■ 69.1041, 72.6295,
90.3457

■ 49.0022, 50.4115,
28.1969

■ 73.9295, 77.8114,
105.7304

■ 46.1943, 46.8562,
20.9089

■ 76.0513, 82.0550,
106.4376

■ 43.7475, 43.5750,
15.1221

■ 78.2635, 86.4796,
107.1750

■ 41.6397, 40.5572,
10.7264

■ 80.5674, 91.0873,
107.9430

■ 39.8458, 37.7907,
7.5969

■ 81.5419, 93.0363,
108.2678

■ 38.3366, 35.2615,
5.5858

■ 37.0639, 32.9481,
4.4464

Harmonies

Analogous

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



61.3139, 62.8168, 61.1956



59.7820, 62.8168, 60.0129



58.2557, 62.8168, 60.9924

Triad

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



59.7820, 62.8168, 60.0129



57.0608, 62.8168, 72.6691



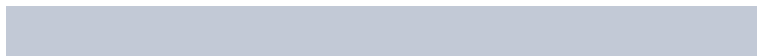
62.3519, 62.8168, 73.0648

Complementary

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



59.7820, 62.8168, 60.0129



55.2723, 58.0968, 71.9197

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.



61.1792, 62.8168, 76.3774



59.7820, 62.8168, 60.0129



58.1254, 62.8168, 76.1419

Square

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



59.7820, 62.8168, 60.0129



56.7014, 62.8168, 68.1780



59.6290, 62.8168, 77.5273



62.8138, 62.8168, 68.6161

Rectangle

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



59.7820, 62.8168, 60.0129



57.4429, 62.8168, 62.7654



59.6290, 62.8168, 77.5273



62.0267, 62.8168, 74.3553

Sweetspot

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



59.7837, 62.8196, 60.0142



92.9948, 97.8215, 102.2592



57.5668, 57.0977, 63.2460



19.7893, 20.8148, 21.5172



0.0000, 0.0000, 0.0000



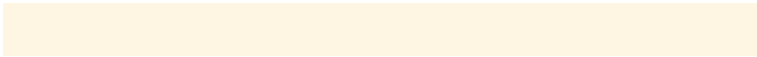
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7837, 62.8196, 60.0142



87.8075, 92.2219, 85.8095



60.6489, 65.8379, 60.5512



13.0903, 13.7547, 13.1257



22.4557, 20.0286, 2.6824



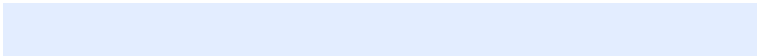
1.4307, 1.3605, 0.1872

Inverse Universe

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



55.2723, 58.0968, 71.9197



79.9281, 83.9735, 106.6036



54.4562, 55.3098, 71.4248



12.0944, 12.7122, 15.7538



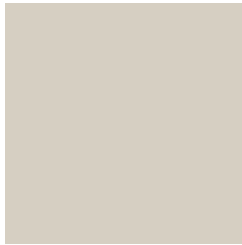
8.9399, 6.1417, 39.1674



0.6156, 0.5233, 2.3879

Previews

White Background



This preview shows how the XYZ color 59.7820, 62.8168, 60.0129 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 59.7820, 62.8168, 60.0129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

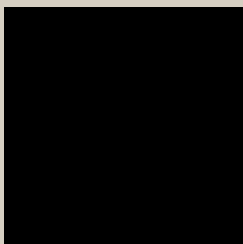
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

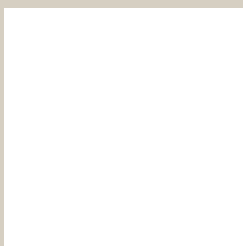
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7820, 62.8168, 60.0129

Background



This preview shows how black text looks on a background with the XYZ color 59.7820, 62.8168, 60.0129.

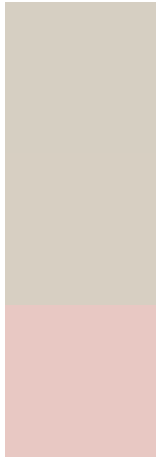


This preview shows how white text looks on a background with the XYZ color 59.7820, 62.8168,

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

59.7820, 62.8168, 60.0129

Protanopia

60.0748, 62.9678, 60.0267

Deuteranopia

63.7833, 62.4045, 60.3133



Tritanopia

63.0556, 62.7318, 75.8029

Trichromacy



Original Color

59.7820, 62.8168, 60.0129

Protanomaly

60.0748, 62.9678, 60.0267

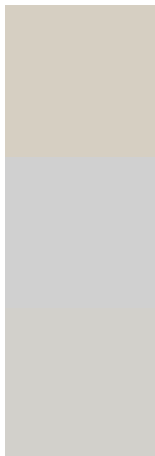
Deuteranomaly

62.2576, 62.6596, 60.4429

Tritanomaly

61.8410, 62.5906, 69.7946

Monochromacy



Original Color

59.7820, 62.8168, 60.0129

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.9137, 63.1252, 65.5265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7820, 62.8168, 60.0129 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(214, 207, 194) looks like.

```
.text, #text, p{  
    color:rgb(214, 207, 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(214, 207, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 207, 194) }
```

Border

The CSS property to change the border of an element to XYZ 59.7820, 62.8168, 60.0129 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(214, 207, 194) }
```


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

```
.border{ border-color:rgb(214, 207, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 207, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 207, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 207, 194);  
box-shadow:4px 4px 4px 4px rgb(214, 207,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7820, 62.8168, 60.0129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 207, 194) }
```

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

```
.background{ background-color: rgb(214,  
207, 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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