

Converting Colors

XYZ(59.8259, 61.8633, 62.9469)

Have a look what the booklet for
XYZ(59.8259, 61.8633, 62.9469)
contains.

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Color

**XYZ(59.6332, 61.6054,
62.7809)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CCC7
RGB	214, 204, 199
RGB Percent	84%, 80%, 78%
CMY	0.1608, 0.2000, 0.2196
CMYK	0.00, 0.05, 0.07, 0.16
HSL	20°, 15%, 81%
HSV	20°, 7%, 84%
XYZ	59.6332, 61.6054, 62.7809
YIQ	206.4200, 7.5650, 0.5650

Conversions

Conversions Part 2

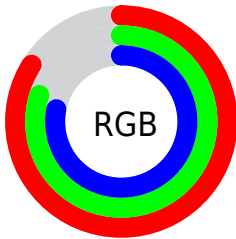
Format	Color
R_{YB}	214, 207, 199
Decimal	14077127
CIE _{Lab}	82.70, 2.60, 3.71
CIE _{LCh}	83, 4.533, 55.032
Yxy	61.6054, 0.3241, 0.3348
Android (android.graphics.Color)	4292267207 (0xFFD6CCC7)
YUV	206.4200, -3.6581, 6.6477
Hunter-Lab	78.4891, -1.7381, 7.5182

Details

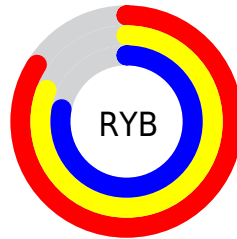
The XYZ color **59.6332, 61.6054, 62.7809** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4911, 62.5970, 72.6186**, and the grayscale version is **58.9561, 62.0264, 67.5468**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.3153, 31.2280, 31.2179** is the 20% darker color. If you saturate the color by 10%, you get **54.0858, 54.2108, 49.5231**, and if you desaturate by 10%, it is **65.8439, 69.7660, 77.9852**.

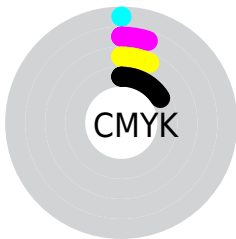
Distribution



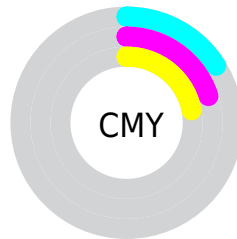
- Red (84%)
- Green (80%)
- Blue (78%)



- Red (84%)
- Yellow (81%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6332, 61.6054, 62.7809 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 59.6332, 61.6054, 62.7809 by changing the saturation by 10% instead.

■ 59.6332, 61.6054,
62.7809

■ 59.6332, 61.6054,
62.7809

413.1009,
430.4903, 452.8599

■ 43.3714, 44.7139,
45.2241

103.4068,
107.1550, 110.4359

■ 30.3724, 31.2322,
31.2898

131.6492,
136.5820, 141.3712

■ 20.2709, 20.7757,
20.5593

164.6160,
170.9562, 177.6030

■ 12.7015, 12.9601,
12.6141

202.6723,
210.6621, 219.5500

■ 7.2989, 7.4011,
7.0358

246.1836,
256.0840, 267.6306

■ 3.6977, 3.7142,
3.4057

295.5152,

■ 1.5326, 1.5150,

307.6065, 322.2635

1.3053

351.0325,
365.6137, 383.8671

■ 0.3478, 0.2993,
0.0662

■ 0.0000, 0.0000,
0.0000

■ 59.6332, 61.6054,
62.7809

■ 59.6332, 61.6054,
62.7809

■ 54.0858, 54.2108,
49.5231

■ 65.8439, 69.7660,
77.9852

■ 49.1738, 47.5517,
38.1286

■ 72.7344, 78.7059,
95.2066

■ 44.8747, 41.6072,
28.5142

■ 78.9780, 87.9087,
107.4132

■ 41.1627, 36.3527,
20.5887

■ 81.5418, 93.0363,
108.2678

■ 38.0101, 31.7618,
14.2528

■ 35.3865, 27.8064,
9.3964

■ 33.2586, 24.4560,
5.8956

■ 31.5881, 21.6773,
3.6054

■ 30.3276, 19.4317,
2.3361

Harmonies

Analogous

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



60.2662, 61.6054, 64.8355



59.6332, 61.6054, 62.7809



58.7163, 61.6054, 61.8787

Triad

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



59.6332, 61.6054, 62.7809



56.7094, 61.6054, 66.6147



59.3495, 61.6054, 72.0522

Complementary

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



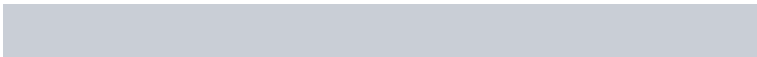
59.6332, 61.6054, 62.7809



58.4911, 62.5970, 72.6186

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.



58.3922, 61.6054, 72.5602



59.6332, 61.6054, 62.7809



56.8747, 61.6054, 69.3712

Square

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



59.6332, 61.6054, 62.7809



57.0339, 61.6054, 64.0527



57.4881, 61.6054, 71.5664



60.1011, 61.6054, 70.1966

Rectangle

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



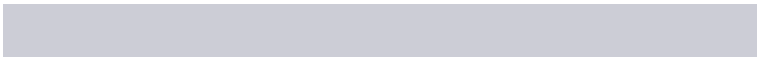
59.6332, 61.6054, 62.7809



58.0701, 61.6054, 62.0336



57.4881, 61.6054, 71.5664



59.0408, 61.6054, 72.3883

Sweetspot

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



59.6349, 61.6081, 62.7822



93.1650, 97.5265, 104.2745



59.6644, 59.7473, 68.7101



19.9609, 20.9007, 22.3675



0.0000, 0.0000, 0.0000



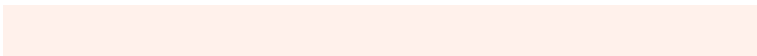
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6349, 61.6081, 62.7822



87.7531, 90.3859, 91.1157



61.4597, 65.2577, 63.3905



12.7584, 13.0909, 13.0151



18.2248, 11.5668, 1.2721



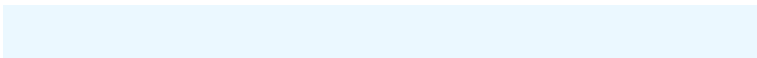
1.1743, 0.8478, 0.1018

Inverse Universe

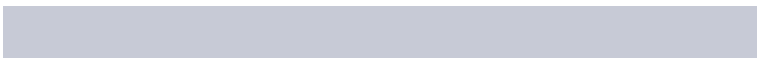
The Inverse Universe completely reimagines the original color for something new.



58.4911, 62.5970, 72.6186



85.8063, 92.0688, 107.8563



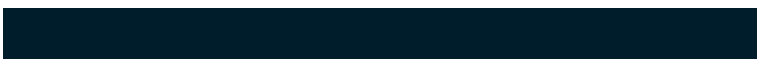
56.6951, 59.0049, 72.0199



12.4270, 13.3774, 15.8646



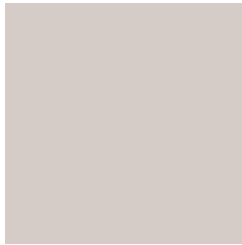
13.3374, 14.9367, 40.6333



0.8791, 1.0503, 2.4757

Previews

White Background



This preview shows how the XYZ color 59.6332, 61.6054, 62.7809 looks on a white background.

Color Contrast Check

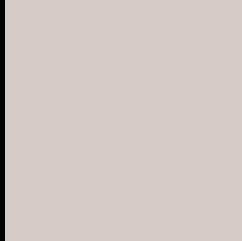
Large Text (above 18pt) WCAG AA × Fail

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 59.6332, 61.6054, 62.7809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

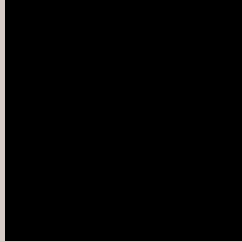
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

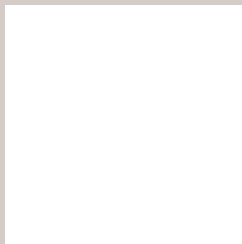
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6332, 61.6054, 62.7809

Background



This preview shows how black text looks on a background with the XYZ color 59.6332, 61.6054, 62.7809.

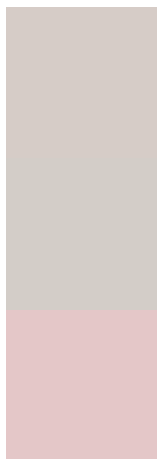


This preview shows how white text looks on a background with the XYZ color 59.6332, 61.6054,

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

59.6332, 61.6054, 62.7809

Protanopia

59.1206, 61.6817, 63.4333

Deuteranopia

62.8437, 61.5110, 63.2042



Tritanopia

62.0263, 61.5348, 74.2539

Trichromacy



Original Color

59.6332, 61.6054, 62.7809

Protanomaly

59.4080, 61.8298, 63.4468

Deuteranomaly

61.7434, 61.6314, 63.2854

Tritanomaly

61.0723, 61.4931, 69.6233

Monochromacy



Original Color

59.6332, 61.6054, 62.7809

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.9053, 61.5297, 65.2717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6332, 61.6054, 62.7809 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, 204, 199) looks like.

```
.text, #text, p{  
    color:rgb(214, 204, 199)  
}
```

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, 204, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 204, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.6332, 61.6054, 62.7809 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, 204, 199) }
```


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

```
.border{ border-color:rgb(214, 204, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 204, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 204, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 204, 199);  
box-shadow:4px 4px 4px 4px rgb(214, 204,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6332, 61.6054, 62.7809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 204, 199) }
```

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

```
.background{ background-color: rgb(214,  
204, 199) }
```

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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