

Converting Colors

XYZ(59.6719, 61.0800, 62.7144)

Have a look what the booklet for
XYZ(59.6719, 61.0800, 62.7144)
contains.

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Color

**XYZ(59.4537, 60.8117,
62.6371)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CAC7
RGB	215, 202, 199
RGB Percent	84%, 79%, 78%
CMY	0.1569, 0.2078, 0.2196
CMYK	0.00, 0.06, 0.07, 0.16
HSL	11°, 17%, 81%
HSV	11°, 7%, 84%
XYZ	59.4537, 60.8117, 62.6371
YIQ	205.5450, 8.7110, 1.8230

Conversions

Conversions Part 2

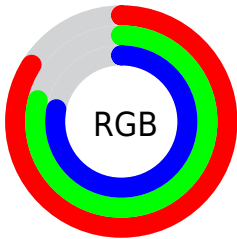
Format	Color
R _Y B	215, 203, 199
Decimal	14142151
CIE Lab	82.28, 4.00, 3.11
CIE LCh	82, 5.067, 37.823
Yxy	60.8117, 0.3251, 0.3325
Android (android.graphics.Color)	4292332231 (0xFFD7CAC7)
YUV	205.5450, -3.2267, 8.2920
Hunter-Lab	77.9819, -0.3791, 6.9640

Details

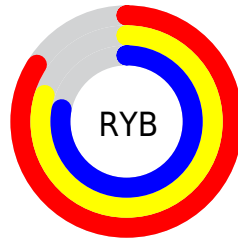
The XYZ color **59.4537, 60.8117, 62.6371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3623, 64.1343, 73.5412**, and the grayscale version is **58.3930, 61.4340, 66.9016**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1979, 30.6977, 31.1217** is the 20% darker color. If you saturate the color by 10%, you get **53.2638, 52.1481, 49.1157**, and if you desaturate by 10%, it is **66.4635, 70.5492, 78.1733**.

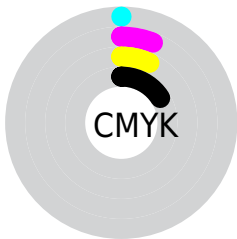
Distribution



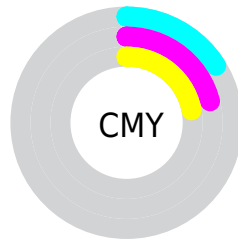
- Red (84%)
- Green (79%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4537, 60.8117, 62.6371 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 59.4537, 60.8117, 62.6371 by changing the saturation by 10% instead.

■ 59.4537, 60.8117,
62.6371

■ 59.4537, 60.8117,
62.6371

412.4483,
427.5832, 452.3229

■ 43.2262, 44.0732,
45.1086

103.1476,
106.0062, 110.2263

■ 30.2579, 30.7281,
31.1994

131.3448,
135.2311, 141.1241

■ 20.1835, 20.3919,
20.4910

164.2626,
169.3869, 177.3153

■ 12.6375, 12.6802,
12.5648

202.2664,
208.8579, 219.2186

■ 7.2547, 7.2087,
7.0024

245.7215,
254.0287, 267.2525

■ 3.6696, 3.5930,
3.3851

294.9933,

■ 1.5170, 1.4486,

305.2836, 321.8354

1.2945

350.4471,
363.0070, 383.3861

■ 0.3373, 0.2521,
0.0573

■ 0.0000, 0.0000,
0.0000

■ 59.4537, 60.8117,
62.6371

■ 59.4537, 60.8117,
62.6371

■ 53.2638, 52.1481,
49.1157

■ 66.4635, 70.5492,
78.1733

■ 47.8585, 44.5136,
37.5226

■ 74.3166, 81.3874,
95.7981

■ 43.2077, 37.8723,
27.7707

■ 81.6423, 92.8025,
108.2174

■ 39.2771, 32.1830,
19.7649

■ 81.8347, 93.1872,
108.2815

■ 36.0298, 27.4015,
13.4012

■ 33.4256, 23.4802,
8.5649

■ 31.4197, 20.3670,
5.1260

■ 29.9613, 18.0039,
2.9329

■ 28.9868, 16.3233,
1.7809

Harmonies

Analogous

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



59.8791, 60.8117, 65.4083



59.4537, 60.8117, 62.6371



58.5862, 60.8117, 60.8635

Triad

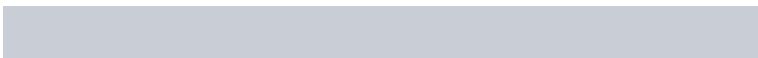
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.4537, 60.8117, 62.6371



55.9001, 60.8117, 63.9965



58.0825, 60.8117, 72.2749

Complementary

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



59.4537, 60.8117, 62.6371



59.3623, 64.1343, 73.5412

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.



57.0203, 60.8117, 71.8684



59.4537, 60.8117, 62.6371



55.7690, 60.8117, 67.0255

Square

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



59.4537, 60.8117, 62.6371



56.5370, 60.8117, 61.6311



56.1767, 60.8117, 69.9237



59.0810, 60.8117, 71.0178

Rectangle

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



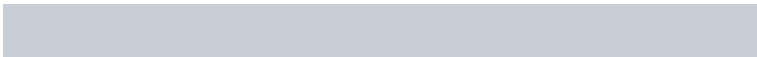
59.4537, 60.8117, 62.6371



57.8785, 60.8117, 60.4530



56.1767, 60.8117, 69.9237



57.7209, 60.8117, 72.3290

Sweetspot

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



59.4554, 60.8144, 62.6384



92.9323, 97.0612, 104.1969



60.3406, 60.0516, 70.7431



19.9135, 20.8059, 22.3517



0.0000, 0.0000, 0.0000



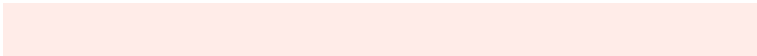
20.3446, 21.4041, 23.3091

Same Dimension

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



59.4554, 60.8144, 62.6384



85.9114, 87.2867, 88.7012



61.3641, 64.6317, 63.2746



12.6100, 12.7943, 12.9656



17.2805, 9.6782, 0.9573



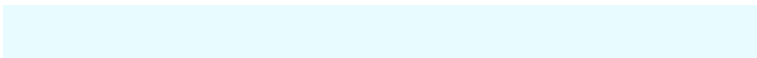
1.0993, 0.6979, 0.0768

Inverse Universe

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



59.3623, 64.1343, 73.5412



85.7458, 93.1858, 108.0751



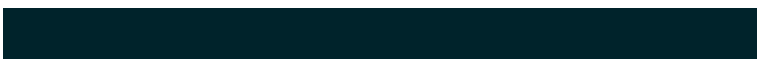
57.4285, 60.2667, 72.8966



12.5848, 13.6930, 15.9172



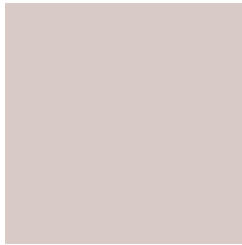
16.5363, 21.3344, 41.6996



1.0498, 1.3915, 2.5326

Previews

White Background



This preview shows how the XYZ color 59.4537, 60.8117, 62.6371 looks on a white background.

Color Contrast Check

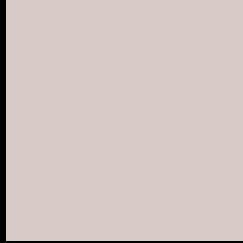
Large Text (above 18pt) WCAG AA × Fail

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 59.4537, 60.8117, 62.6371 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 59.4537, 60.8117, 62.6371

Background



This preview shows how black text looks on a background with the XYZ color 59.4537, 60.8117, 62.6371.



This preview shows how white text looks on a background with the XYZ color 59.4537, 60.8117,

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

59.4537, 60.8117, 62.6371

Protanopia

58.3127, 60.9112, 63.3272

Deuteranopia

61.9834, 60.7270, 63.0982



Tritanopia

61.5353, 60.9666, 72.8144

Trichromacy



Original Color

59.4537, 60.8117, 62.6371

Protanomaly

58.6452, 60.7309, 63.2749

Deuteranomaly

60.9730, 60.5466, 63.1166

Tritanomaly

60.7142, 60.9757, 68.8911

Monochromacy



Original Color

59.4537, 60.8117, 62.6371

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 59.4537, 60.8117, 62.6371 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(215, 202, 199) looks like.

```
.text, #text, p{  
    color:rgb(215, 202, 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(215, 202, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 202, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.4537, 60.8117, 62.6371 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(215, 202, 199) }
```


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

```
.border{ border-color:rgb(215, 202, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 202, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 202, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 202, 199);  
box-shadow:4px 4px 4px 4px rgb(215, 202,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4537, 60.8117, 62.6371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 202, 199) }
```

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

```
.background{ background-color: rgb(215,  
202, 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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