

Converting Colors

XYZ(59.2544, 61.7316, 62.9562)

Have a look what the booklet for
XYZ(59.2544, 61.7316, 62.9562)
contains.

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Color

**XYZ(59.2915, 61.7832,
62.8332)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CDC7
RGB	212, 205, 199
RGB Percent	83%, 80%, 78%
CMY	0.1686, 0.1961, 0.2196
CMYK	0.00, 0.03, 0.06, 0.17
HSL	28°, 13%, 81%
HSV	28°, 6%, 83%
XYZ	59.2915, 61.7832, 62.8332
YIQ	206.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

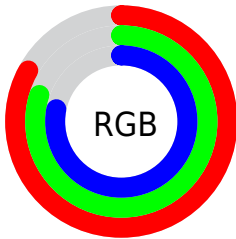
Format	Color
R _Y B	212, 210, 199
Decimal	13946311
CIE Lab	82.80, 1.37, 3.83
CIE LCh	83, 4.069, 70.330
Yxy	61.7832, 0.3224, 0.3359
Android (android.graphics.Color)	4292136391 (0xFFD4CDC7)
YUV	206.4090, -3.6526, 4.9033
Hunter-Lab	78.6023, -2.9074, 7.6263

Details

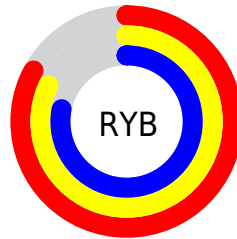
The XYZ color **59.2915, 61.7832, 62.8332** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5081, 61.0373, 71.0385**, and the grayscale version is **58.9497, 62.0197, 67.5394**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.0821, 31.3456, 31.2529** is the 20% darker color. If you saturate the color by 10%, you get **54.3696, 55.6075, 49.8827**, and if you desaturate by 10%, it is **64.7589, 68.4996, 77.6588**.

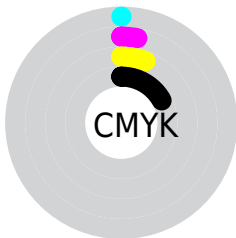
Distribution



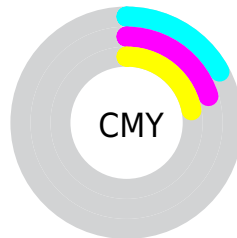
- Red (83%)
- Green (80%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2915, 61.7832, 62.8332 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 59.2915, 61.7832, 62.8332 by changing the saturation by 10% instead.

■ 59.2915, 61.7832,
62.8332

■ 59.2915, 61.7832,
62.8332

411.8580,
431.1398, 453.0552

■ 43.0951, 44.8575,
45.2662

102.9134,
107.4121, 110.5121

■ 30.1546, 31.3452,
31.3226

131.0696,
136.8842, 141.4610

■ 20.1046, 20.8619,
20.5841

163.9432,
171.3072, 177.7076

■ 12.5798, 13.0231,
12.6321

201.8994,
211.0655, 219.6705

■ 7.2148, 7.4444,
7.0480

245.3036,
256.5435, 267.7681

■ 3.6443, 3.7416,
3.4132

294.5212,

■ 1.5030, 1.5301,

308.1257, 322.4191

1.3093

349.9176,
366.1963, 384.0419

■ 0.3278, 0.3098,
0.0694

■ 0.0000, 0.0000,
0.0000

■ 59.2915, 61.7832,
62.8332

■ 59.2915, 61.7832,
62.8332

■ 54.3696, 55.6075,
49.8827

■ 64.7589, 68.4996,
77.6588

■ 49.9697, 49.9503,
38.7278

■ 70.7839, 75.7620,
94.4269

■ 46.0740, 44.7995,
29.2889

■ 76.1365, 83.0867,
106.6323

■ 42.6619, 40.1397,
21.4789

■ 79.5872, 89.9883,
107.7825

■ 39.7109, 35.9544,
15.2030

■ 80.9617, 92.7372,
108.2407

■ 37.1966, 32.2259,
10.3566

■ 35.0918, 28.9354,
6.8216

■ 33.3654, 26.0619,
4.4604

■ 31.9797, 23.5812,
3.1016

Harmonies

Analogous

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



60.0157, 61.7832, 64.1994



59.2915, 61.7832, 62.8332



58.4217, 61.7832, 62.6393

Triad

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



59.2915, 61.7832, 62.8332



57.0826, 61.7832, 68.1396



59.8192, 61.7832, 71.0138

Complementary

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



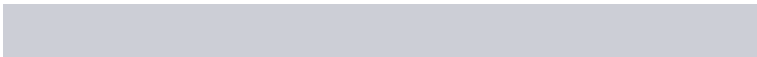
59.2915, 61.7832, 62.8332



57.5081, 61.0373, 71.0385

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.



59.0254, 61.7832, 72.1264



59.2915, 61.7832, 62.8332



57.4492, 61.7832, 70.4399

Square

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



59.2915, 61.7832, 62.8332



57.1522, 61.7832, 65.6617



58.1583, 61.7832, 71.9138



60.3225, 61.7832, 68.9072

Rectangle

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



59.2915, 61.7832, 62.8332



57.8771, 61.7832, 63.1956



58.1583, 61.7832, 71.9138



59.5772, 61.7832, 71.5188

Sweetspot

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



59.2932, 61.7859, 62.8345



93.3703, 97.9371, 104.3429



58.7344, 59.3083, 66.8410



20.0027, 20.9843, 22.3814



0.0000, 0.0000, 0.0000



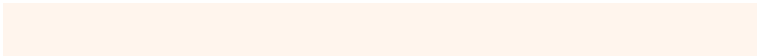
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2932, 61.7859, 62.8345



89.3196, 92.9264, 93.4647



60.8423, 64.8840, 63.3509



13.1048, 13.6231, 13.6262



19.5509, 14.2191, 1.7141



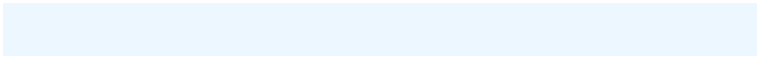
1.2615, 1.0222, 0.1308

Inverse Universe

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



57.5081, 61.0373, 71.0385



86.2115, 91.6230, 107.7489



56.0110, 58.0431, 70.5394



12.6182, 13.4190, 15.8626



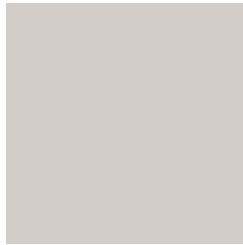
11.1589, 10.5796, 39.9071



0.7555, 0.8030, 2.4345

Previews

White Background



This preview shows how the XYZ color 59.2915, 61.7832, 62.8332 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 59.2915, 61.7832, 62.8332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

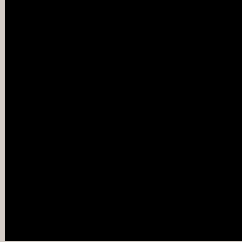
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2915, 61.7832, 62.8332

Background



This preview shows how black text looks on a background with the XYZ color 59.2915, 61.7832, 62.8332.

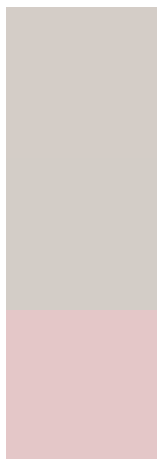


This preview shows how white text looks on a background with the XYZ color 59.2915, 61.7832,

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

59.2915, 61.7832, 62.8332

Protanopia

59.0041, 61.6350, 62.8197

Deuteranopia

62.8437, 61.5110, 63.2042



Tritanopia

61.7998, 61.7501, 74.9914

Trichromacy



Original Color

59.2915, 61.7832, 62.8332

Protanomaly

59.0041, 61.6350, 62.8197

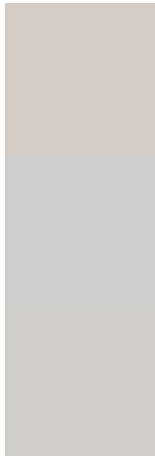
Deuteranomaly

61.4362, 61.4730, 63.2710

Tritanomaly

60.8454, 61.7112, 70.3326

Monochromacy



Original Color

59.2915, 61.7832, 62.8332

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.8632, 61.8643, 65.3385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2915, 61.7832, 62.8332 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, 205, 199) looks like.

```
.text, #text, p{  
    color:rgb(212, 205, 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(212, 205, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 205, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.2915, 61.7832, 62.8332 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, 205, 199) }
```


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

```
.border{ border-color:rgb(212, 205, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 205, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 205, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 205, 199); box-shadow:4px 4px 4px 4px rgb(212, 205, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2915, 61.7832, 62.8332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 205, 199) }
```

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

```
.background{ background-color: rgb(212,  
205, 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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