

Converting Colors

XYZ(59.7197, 61.3280, 60.6799)

Have a look what the booklet for
XYZ(59.7197, 61.3280, 60.6799)
contains.

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Color

**XYZ(59.6386, 61.2963,
60.9126)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CBC4
RGB	216, 203, 196
RGB Percent	85%, 80%, 77%
CMY	0.1529, 0.2039, 0.2314
CMYK	0.00, 0.06, 0.09, 0.15
HSL	21°, 20%, 81%
HSV	21°, 9%, 85%
XYZ	59.6386, 61.2963, 60.9126
YIQ	206.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

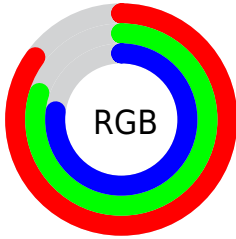
Format	Color
R _Y B	216, 207, 196
Decimal	14207940
CIE Lab	82.54, 3.32, 5.10
CIE LCh	83, 6.085, 56.895
Yxy	61.2963, 0.3280, 0.3371
Android (android.graphics.Color)	4292398020 (0xFFD8CBC4)
YUV	206.0890, -4.9739, 8.6919
Hunter-Lab	78.2920, -1.0392, 8.6756

Details

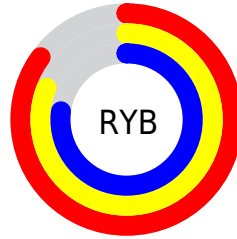
The XYZ color **59.6386, 61.2963, 60.9126** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9598, 62.2934, 73.9353**, and the grayscale version is **58.7510, 61.8106, 67.3117**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **30.3279, 31.0250, 29.9811** is the 20% darker color. If you saturate the color by 10%, you get **54.1894, 54.0528, 47.8270**, and if you desaturate by 10%, it is **65.7454, 69.2870, 75.9652**.

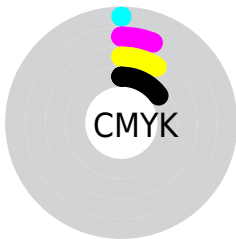
Distribution



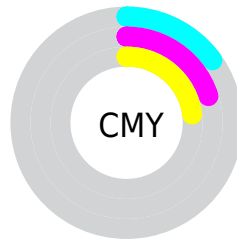
- Red (85%)
- Green (80%)
- Blue (77%)



- Red (85%)
- Yellow (81%)
- Blue (77%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6386, 61.2963, 60.9126 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 59.6386, 61.2963, 60.9126 by changing the saturation by 10% instead.

■ 59.6386, 61.2963,
60.9126

■ 59.6386, 61.2963,
60.9126

413.1205,
429.3596, 445.8512

■ 43.3757, 44.4643,
43.7245

103.4146,
106.7078, 107.7087

■ 30.3758, 31.0357,
30.1184

131.6584,
136.0562, 138.1538

■ 20.2735, 20.6260,
19.6757

164.6266,
170.3455, 173.8550

■ 12.7034, 12.8509,
11.9778

202.6845,
209.9601, 215.2308

■ 7.3002, 7.3260,
6.6062

246.1975,
255.2844, 262.6998

■ 3.6986, 3.6668,
3.1424

295.5309,

■ 1.5331, 1.4890,

306.7028, 316.6805

1.1678

351.0501,
364.5998, 377.5914

■ 0.3482, 0.2809,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6386, 61.2963,
60.9126

■ 59.6386, 61.2963,
60.9126

■ 54.1894, 54.0528,
47.8270

■ 65.7454, 69.2870,
75.9652

■ 49.3696, 47.5266,
36.6225

■ 72.5263, 78.0378,
93.0578

■ 45.1566, 41.6973,
27.2127

■ 79.0556, 87.1919,
107.2708

■ 41.5243, 36.5408,
19.5027

■ 82.1292, 93.3391,
108.2953

■ 38.4444, 32.0313,
13.3891

■ 35.8863, 28.1411,
8.7568

■ 33.8156, 24.8403,
5.4749

■ 32.1930, 22.0960,
3.3894

■ 30.9597, 19.8661,
2.2488

Harmonies

Analogous

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



60.5221, 61.2963, 63.5496



59.6386, 61.2963, 60.9126



58.3960, 61.2963, 59.8337

Triad

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



59.6386, 61.2963, 60.9126



55.7956, 61.2963, 66.3536



59.4003, 61.2963, 73.3431

Complementary

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



59.6386, 61.2963, 60.9126



57.9598, 62.2934, 73.9353

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.



58.1248, 61.2963, 74.1610



59.6386, 61.2963, 60.9126



56.0556, 61.2963, 70.0380

Square

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



59.6386, 61.2963, 60.9126



56.1879, 61.2963, 62.9007



56.9034, 61.2963, 72.9303



60.3831, 61.2963, 70.7350

Rectangle

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



59.6386, 61.2963, 60.9126



57.5356, 61.2963, 60.1121



56.9034, 61.2963, 72.9303



58.9910, 61.2963, 73.8407

Sweetspot

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



59.6403, 61.2990, 60.9139



92.2772, 96.3863, 102.0200



59.5682, 58.6831, 68.5097



19.5957, 20.4276, 21.4527



0.0000, 0.0000, 0.0000



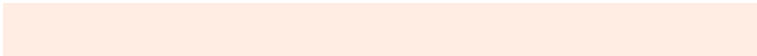
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6403, 61.2990, 60.9139



85.3168, 87.2404, 84.9793



62.0776, 66.1736, 61.7264



12.7754, 13.1251, 13.0208



18.3690, 11.8552, 1.3201



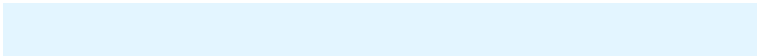
1.1844, 0.8680, 0.1051

Inverse Universe

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



57.9598, 62.2934, 73.9353



82.4187, 88.9547, 107.4338



55.5838, 57.5413, 73.1433



12.4092, 13.3418, 15.8587



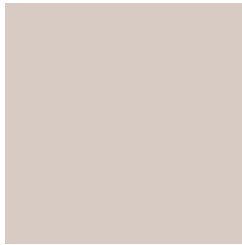
13.0228, 14.3074, 40.5284



0.8618, 1.0155, 2.4699

Previews

White Background



This preview shows how the XYZ color 59.6386, 61.2963, 60.9126 looks on a white background.

Color Contrast Check

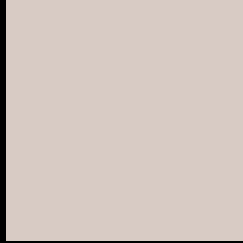
Large Text (above 18pt) WCAG AA × Fail

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 59.6386, 61.2963, 60.9126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

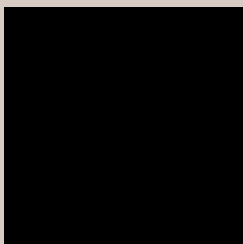
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

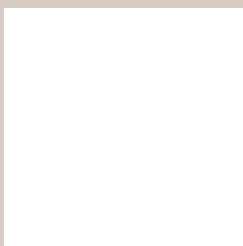
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6386, 61.2963, 60.9126

Background



This preview shows how black text looks on a background with the XYZ color 59.6386, 61.2963, 60.9126.

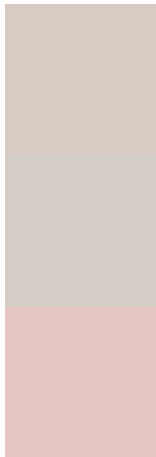


This preview shows how white text looks on a background with the XYZ color 59.6386, 61.2963,

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

59.6386, 61.2963, 60.9126

Protanopia

58.7733, 61.5427, 61.6046

Deuteranopia

62.4964, 61.3720, 61.3754



Tritanopia

62.2624, 61.3265, 73.5214

Trichromacy



Original Color

59.6386, 61.2963, 60.9126

Protanomaly

59.1115, 61.3631, 61.5521

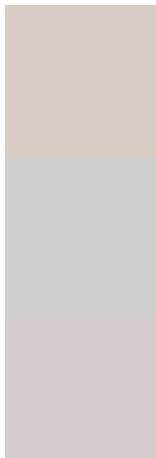
Deuteranomaly

61.4728, 61.1871, 61.3936

Tritanomaly

61.3087, 61.2822, 68.9189

Monochromacy



Original Color

59.6386, 61.2963, 60.9126

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.0703, 61.6285, 64.6593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6386, 61.2963, 60.9126 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(216, 203, 196) looks like.

```
.text, #text, p{  
    color:rgb(216, 203, 196)  
}
```

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(216, 203, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 203, 196) }
```

Border

The CSS property to change the border of an element to XYZ 59.6386, 61.2963, 60.9126 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(216, 203, 196) }
```


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

```
.border{ border-color:rgb(216, 203, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 203, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 203, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 203, 196);  
box-shadow:4px 4px 4px 4px rgb(216, 203,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6386, 61.2963, 60.9126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 203, 196) }
```

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

```
.background{ background-color: rgb(216,  
203, 196) }
```

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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