

Converting Colors

XYZ(59.6937, 60.8772, 57.7803)

Have a look what the booklet for
XYZ(59.6937, 60.8772, 57.7803)
contains.

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Color

**XYZ(59.7379, 61.0627,
57.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCABF
RGB	219, 202, 191
RGB Percent	86%, 79%, 75%
CMY	0.1412, 0.2078, 0.2510
CMYK	0.00, 0.08, 0.13, 0.14
HSL	24°, 28%, 80%
HSV	24°, 13%, 86%
XYZ	59.7379, 61.0627, 57.9280
YIQ	205.8290, 13.6630, 0.1830

Conversions

Conversions Part 2

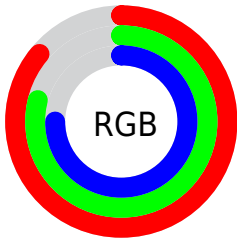
Format	Color
R_{YB}	219, 209, 191
Decimal	14404287
CIE _{Lab}	82.41, 4.10, 7.62
CIE _{LCh}	82, 8.651, 61.704
Yxy	61.0627, 0.3342, 0.3417
Android (android.graphics.Color)	4292594367 (0xFFDBCABF)
YUV	205.8290, -7.3107, 11.5510
Hunter-Lab	78.1426, -0.2912, 10.7475

Details

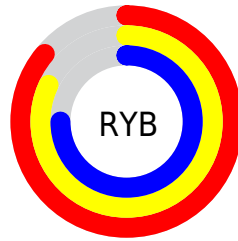
The XYZ color **59.7379, 61.0627, 57.9280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8277, 61.3014, 75.8556**, and the grayscale version is **58.5974, 61.6490, 67.1358**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **30.4872, 30.9073, 28.4036** is the 20% darker color. If you saturate the color by 10%, you get **54.5203, 54.2000, 45.1742**, and if you desaturate by 10%, it is **65.5880, 68.6124, 72.6720**.

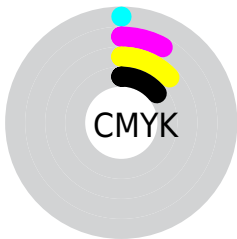
Distribution



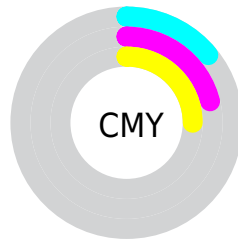
- Red (86%)
- Green (79%)
- Blue (75%)



- Red (86%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (14%)




- Cyan (14%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7379, 61.0627, 57.9280 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 59.7379, 61.0627, 57.9280 by changing the saturation by 10% instead.


 59.7379, 61.0627,
57.9280

 59.7379, 61.0627,
57.9280


413.4812,
428.5039, 434.5084

 43.4561, 44.2758,
41.3364


 103.5579,
106.3697, 103.3317

 30.4392, 30.8874,
28.2604


131.8267,
135.6586, 132.9810

 20.3219, 20.5131,
18.2813


164.8219,
169.8836, 167.8200

 12.7389, 12.7686,
10.9806

202.9089,
209.4291, 208.2671

 7.3247, 7.2694,
5.9398

246.4530,
254.6794, 254.7409

 3.7141, 3.6311,
2.7403

295.8195,

 1.5417, 1.4694,

306.0191, 307.6601

0.9636

351.3738,
363.8324, 367.4430

■ 0.3540, 0.2671,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7379, 61.0627,
57.9280

■ 59.7379, 61.0627,
57.9280

■ 54.5203, 54.2000,
45.1742

■ 65.5880, 68.6124,
72.6720

■ 49.9075, 47.9963,
34.3205

■ 72.0869, 76.8599,
89.4832

■ 45.8770, 42.4334,
25.2756

■ 78.9816, 85.7161,
106.9898

■ 42.4029, 37.4893,
17.9391

■ 83.0237, 93.8002,
108.3372

■ 39.4571, 33.1405,
12.2006

■ 37.0085, 29.3617,
7.9367

■ 35.0222, 26.1253,
5.0053

■ 33.4575, 23.4006,
3.2358

■ 32.5469, 21.7266,
2.4782

Harmonies

Analogous

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



61.1122, 61.0627, 61.2841



59.7379, 61.0627, 57.9280



57.9327, 61.0627, 56.8306

Triad

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



59.7379, 61.0627, 57.9280



54.5606, 61.0627, 66.7898



59.9246, 61.0627, 75.5201

Complementary

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



59.7379, 61.0627, 57.9280



56.8277, 61.3014, 75.8556

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.



58.1439, 61.0627, 77.1794



59.7379, 61.0627, 57.9280



55.0692, 61.0627, 71.9761

Square

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



59.7379, 61.0627, 57.9280



54.9673, 61.0627, 61.7816



56.3712, 61.0627, 75.8499



61.2216, 61.0627, 71.4252

Rectangle

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



59.7379, 61.0627, 57.9280



56.7349, 61.0627, 57.4784



56.3712, 61.0627, 75.8499



59.3615, 61.0627, 76.3907

Sweetspot

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



59.7396, 61.0654, 57.9293



91.5075, 95.4735, 99.8315



59.2629, 56.8897, 67.7047



19.4473, 20.2569, 21.0144



0.0000, 0.0000, 0.0000



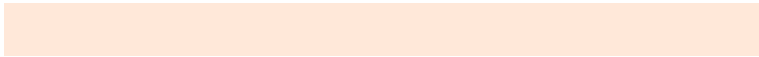
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7396, 61.0654, 57.9293



82.5273, 83.8475, 77.3098



63.1056, 67.7975, 59.0513



13.4737, 13.8868, 13.6959



19.3982, 13.0819, 1.5027



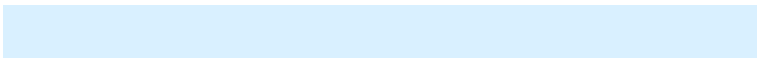
1.3391, 1.0124, 0.1248

Inverse Universe

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



56.8277, 61.3014, 75.8556



77.7416, 84.2346, 106.7692



53.6241, 54.8941, 74.7877



12.9930, 13.9258, 16.6553



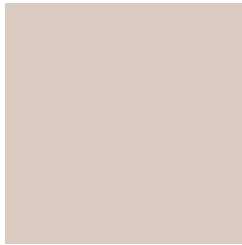
12.6590, 13.1875, 41.6166



0.9031, 1.0204, 2.7238

Previews

White Background



This preview shows how the XYZ color 59.7379, 61.0627, 57.9280 looks on a white background.

Color Contrast Check

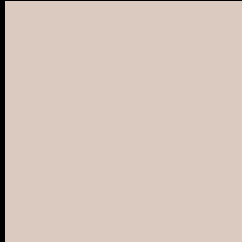
Large Text (above 18pt) WCAG AA × Fail

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 59.7379, 61.0627, 57.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

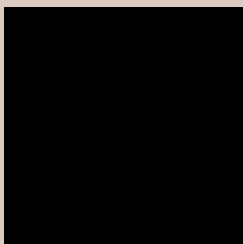
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

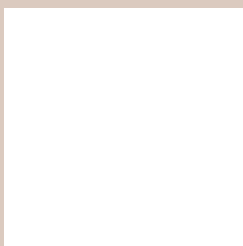
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7379, 61.0627, 57.9280

Background



This preview shows how black text looks on a background with the XYZ color 59.7379, 61.0627, 57.9280.



This preview shows how white text looks on a background with the XYZ color 59.7379, 61.0627,

57.9280.

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

59.7379, 61.0627, 57.9280

Protanopia

58.2587, 60.9886, 58.5706

Deuteranopia

62.3416, 61.0169, 58.3609



Tritanopia

62.6852, 61.2315, 72.1333

Trichromacy



Original Color

59.7379, 61.0627, 57.9280

Protanomaly

58.8947, 60.9647, 58.5325

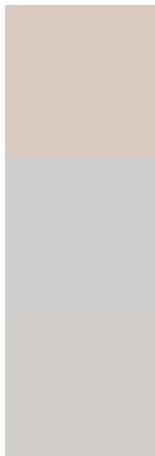
Deuteranomaly

61.3019, 60.8214, 58.3779

Tritanomaly

61.6136, 61.1369, 66.9457

Monochromacy



Original Color

59.7379, 61.0627, 57.9280

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.2379, 61.7286, 64.0510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7379, 61.0627, 57.9280 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(219, 202, 191) looks like.

```
.text, #text, p{  
    color:rgb(219, 202, 191)  
}
```

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(219, 202, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 202, 191) }
```

Border

The CSS property to change the border of an element to XYZ 59.7379, 61.0627, 57.9280 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(219, 202, 191) }
```


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

```
.border{ border-color:rgb(219, 202, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 202, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 202, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 202, 191);  
box-shadow:4px 4px 4px 4px rgb(219, 202,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7379, 61.0627, 57.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 202, 191) }
```

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

```
.background{ background-color: rgb(219,  
202, 191) }
```

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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