

# Converting Colors

XYZ(60.0397, 61.2183, 57.9421)

Have a look what the booklet for  
XYZ(60.0397, 61.2183, 57.9421)  
contains.

<b>XYZ(60.0397, 61.2183, 57.9421)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(60.0397, 61.2183,  
57.9421)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCCABF
RGB	220, 202, 191
RGB Percent	86%, 79%, 75%
CMY	0.1373, 0.2078, 0.2510
CMYK	0.00, 0.08, 0.13, 0.14
HSL	23°, 29%, 81%
HSV	23°, 13%, 86%
XYZ	60.0397, 61.2183, 57.9421
YIQ	206.1280, 14.2590, 0.3950

# Conversions

## Conversions Part 2

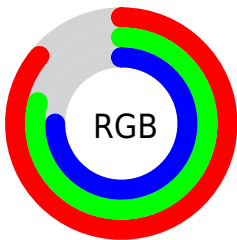
Format	Color
RYB	220, 209, 191
Decimal	14469823
CIELab	82.50, 4.46, 7.75
CIElCh	82, 8.941, 60.070
Yxy	61.2183, 0.3350, 0.3416
Android (android.graphics.Color)	4292659903 (0xFFDCCABF)
YUV	206.1280, -7.4581, 12.1657
Hunter-Lab	78.2421, 0.0496, 10.8624

# Details

The XYZ color **60.0397, 61.2183, 57.9421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2043, 61.8433, 76.6327**, and the grayscale version is **58.7894, 61.8511, 67.3558**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **30.6944, 31.0141, 28.4133** is the 20% darker color. If you saturate the color by 10%, you get **54.7358, 54.1980, 45.1132**, and if you desaturate by 10%, it is **65.9941, 68.9563, 72.7835**.

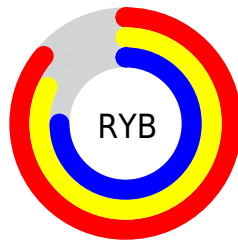
# Distribution



Red (86%)

Green (79%)

Blue (75%)



Red (86%)

Yellow (82%)

Blue (75%)

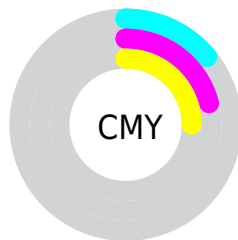


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (14%)



Cyan (14%)

Magenta (21%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0397, 61.2183, 57.9421 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 60.0397, 61.2183, 57.9421 by changing the saturation by 10% instead.





 60.0397, 61.2183,  
57.9421

 60.0397, 61.2183,  
57.9421


414.5765,  
429.0740, 434.5624

 43.7002, 44.4014,  
41.3477


 103.9933,  
106.5950, 103.3525

 30.6318, 30.9862,  
28.2691


132.3381,  
135.9235, 133.0056

 20.4691, 20.5883,  
18.2878


165.4154,  
170.1913, 167.8486

 12.8467, 12.8234,  
10.9853

203.5905,  
209.7828, 208.3002

 7.3994, 7.3071,  
5.9429

247.2288,  
255.0825, 254.7788

 3.7616, 3.6549,  
2.7421

296.6957,

 1.5682, 1.4824,

306.4746, 307.7030

0.9645

352.3564,  
364.3436, 367.4914

■ 0.3715, 0.2763,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.0397, 61.2183,  
57.9421

■ 60.0397, 61.2183,  
57.9421

■ 54.7358, 54.1980,  
45.1132

■ 65.9941, 68.9563,  
72.7835

■ 50.0539, 47.8662,  
34.2053

■ 72.6161, 77.4241,  
89.7156

■ 45.9707, 42.2034,  
25.1256

■ 79.6046, 86.5140,  
107.1110

■ 42.4593, 37.1862,  
17.7721

■ 83.3254, 93.9558,  
108.3513

■ 39.4906, 32.7896,  
12.0325

■ 37.0325, 28.9868,  
7.7810

■ 35.0490, 25.7485,  
4.8730

■ 33.4975, 23.0419,  
3.1340

■ 32.6456, 21.4760,  
2.4247

# Harmonies

## Analogous

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



61.4259, 61.2183, 61.5190



60.0397, 61.2183, 57.9421



58.1817, 61.2183, 56.6726

# Triad

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



60.0397, 61.2183, 57.9421



54.5869, 61.2183, 66.6692



60.0476, 61.2183, 76.1891

# Complementary

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



60.0397, 61.2183, 57.9421



57.2043, 61.8433, 76.6327

# 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.



58.1906, 61.2183, 77.7487



60.0397, 61.2183, 57.9421



55.0624, 61.2183, 72.0720

# Square

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



60.0397, 61.2183, 57.9421



55.0580, 61.2183, 61.5401



56.3712, 61.2183, 76.2032



61.4306, 61.2183, 72.0485



# Rectangle

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



60.0397, 61.2183, 57.9421



56.9337, 61.2183, 57.2483



56.3712, 61.2183, 76.2032



59.4568, 61.2183, 77.0424

# Sweetspot

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



60.0414, 61.2210, 57.9434



91.4648, 95.3882, 99.8172



59.7008, 57.0997, 68.4354



19.4366, 20.2353, 21.0108



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

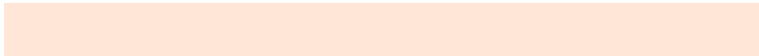


# Same Dimension

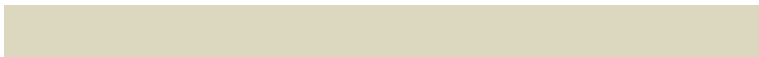
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.0414, 61.2210, 57.9434



81.6115, 82.5419, 75.3831



63.5099, 68.1580, 59.0996



13.4590, 13.8573, 13.6909



19.2586, 12.8027, 1.4561



1.3292, 0.9925, 0.1215

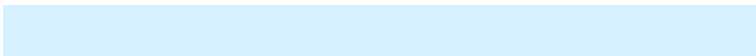


# Inverse Universe

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



57.2043, 61.8433, 76.6327



76.8584, 83.5832, 106.6900



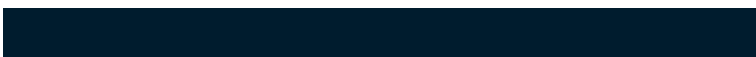
53.8902, 55.2150, 75.5280



13.0082, 13.9562, 16.6604



12.9024, 13.6742, 41.6978

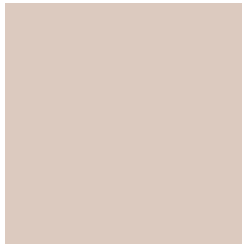


0.9180, 1.0501, 2.7287



# Previews

## White Background



This preview shows how the XYZ color 60.0397, 61.2183, 57.9421 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 60.0397, 61.2183, 57.9421 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

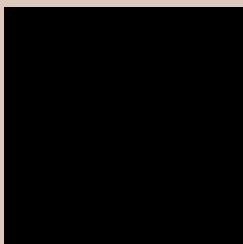
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

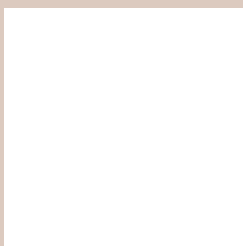
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 60.0397, 61.2183, 57.9421

## Background



This preview shows how black text looks on a background with the XYZ color 60.0397, 61.2183, 57.9421.



This preview shows how white text looks on a background with the XYZ color 60.0397, 61.2183,



# 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

60.0397, 61.2183, 57.9421

### Protanopia

58.4971, 61.4655, 58.6501

### Deuteranopia

62.3416, 61.0169, 58.3609



## Tritanopia

62.9924, 61.3899, 72.1477

# Trichromacy



## Original Color

60.0397, 61.2183, 57.9421

## Protanomaly

59.1316, 61.4386, 58.6114

## Deuteranomaly

61.3019, 60.8214, 58.3779

## Tritanomaly

61.9191, 61.2944, 66.9600

# Monochromacy



## Original Color

60.0397, 61.2183, 57.9421

## 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 60.0397, 61.2183, 57.9421 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(220, 202, 191) looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 202, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 202, 191) }
```

## Border

The CSS property to change the border of an element to XYZ 60.0397, 61.2183, 57.9421 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(220, 202, 191) }
```



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

```
.border{ border-color:rgb(220, 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(220, 202, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 202, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 202, 191);  
box-shadow:4px 4px 4px 4px rgb(220, 202,  
191) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.0397, 61.2183, 57.9421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 202, 191) }
```

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

```
.background{ background-color: rgb(220,  
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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