

Converting Colors

XYZ(61.1637, 65.8151, 57.8974)

Have a look what the booklet for
XYZ(61.1637, 65.8151, 57.8974)
contains.

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Color

**XYZ(61.0039, 65.7097,
57.6121)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D5BD
RGB	215, 213, 189
RGB Percent	84%, 84%, 74%
CMY	0.1569, 0.1647, 0.2588
CMYK	0.00, 0.01, 0.12, 0.16
HSL	55°, 25%, 79%
HSV	55°, 12%, 84%
XYZ	61.0039, 65.7097, 57.6121
YIQ	210.8620, 8.8960, -7.0400

Conversions

Conversions Part 2

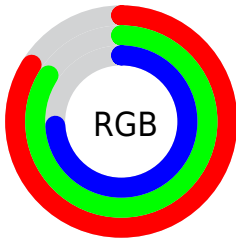
Format	Color
R _{YB}	191, 215, 189
Decimal	14144957
CIE _{Lab}	84.85, -3.39, 12.11
CIE _{LCh}	85, 12.579, 105.650
Yxy	65.7097, 0.3310, 0.3565
Android (android.graphics.Color)	4292335037 (0xFFD7D5BD)
YUV	210.8620, -10.7780, 3.6290
Hunter-Lab	81.0615, -7.5252, 14.6044

Details

The XYZ color **61.0039, 65.7097, 57.6121** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8827, 52.9858, 71.7834**, and the grayscale version is **61.8921, 65.1153, 70.9105**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **31.1680, 33.7049, 28.1555** is the 20% darker color. If you saturate the color by 10%, you get **58.4287, 64.0210, 46.0806**, and if you desaturate by 10%, it is **63.9329, 67.5511, 70.9701**.

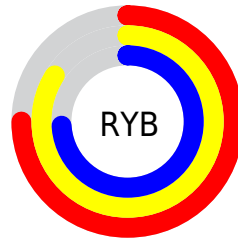
Distribution



Red (84%)

Green (84%)

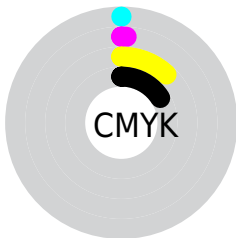
Blue (74%)



Red (75%)

Yellow (84%)

Blue (74%)

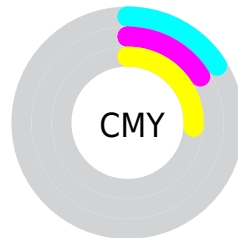


Cyan (0%)

Magenta (1%)

Yellow (12%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0039, 65.7097, 57.6121 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 61.0039, 65.7097, 57.6121 by changing the saturation by 10% instead.

■ 61.0039, 65.7097,
57.6121

■ 61.0039, 65.7097,
57.6121

418.0640,
445.3380, 433.2968

■ 44.4809, 48.0368,
41.0842

■ 105.3827,
113.0696, 102.8670

■ 31.2483, 33.8560,
28.0647

133.9691,
143.5253, 132.4310

■ 20.9407, 22.7830,
18.1350

167.3074,
179.0108, 167.1776

■ 13.1929, 14.4334,
10.8765

205.7629,
219.9104, 207.5252

■ 7.6394, 8.4227,
5.8707

249.7009,
266.6085, 253.8924

■ 3.9150, 4.3666,
2.6991

299.4869,

■ 1.6541, 1.8807,

319.4896, 306.6977

0.9430

355.4861,
378.9379, 366.3597

■ 0.4273, 0.5367,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0039, 65.7097,
57.6121

■ 61.0039, 65.7097,
57.6121

■ 58.4287, 64.0210,
46.0806

■ 63.9329, 67.5511,
70.9701

■ 56.1868, 62.4701,
36.2913

■ 67.2246, 69.5421,
86.2251

■ 54.2637, 61.0535,
28.1600

■ 70.8943, 71.6911,
103.4495

■ 52.6416, 59.7641,
21.5934

■ 71.5646, 72.6472,
104.8582

■ 51.3012, 58.5939,
16.4894

■ 71.9988, 73.5157,
105.0029

■ 50.2207, 57.5344,
12.7335

■ 72.4374, 74.3928,
105.1491

■ 49.3751, 56.5755,
10.1942

■ 72.8802, 75.2784,
105.2967

■ 48.7345, 55.7052,
8.7139

■ 73.3274, 76.1727,
105.4458

■ 48.3328, 55.0636,
8.0809

■ 73.7788, 77.0757,
105.5963

Harmonies

Analogous

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



63.8085, 65.7097, 57.5332



61.0039, 65.7097, 57.6121



58.6577, 65.7097, 61.2319

Triad

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



61.0039, 65.7097, 57.6121



58.7412, 65.7097, 83.2345



67.8564, 65.7097, 75.4645

Complementary

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



61.0039, 65.7097, 57.6121



51.8827, 52.9858, 71.7834

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.



66.4129, 65.7097, 82.9593



61.0039, 65.7097, 57.6121



61.1210, 65.7097, 87.6688

Square

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



61.0039, 65.7097, 57.6121



57.3784, 65.7097, 75.8177



63.9291, 65.7097, 87.5644



67.8227, 65.7097, 67.4392

Rectangle

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



61.0039, 65.7097, 57.6121



57.6447, 65.7097, 65.3336



63.9291, 65.7097, 87.5644



67.5260, 65.7097, 78.1417

Sweetspot

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



61.0057, 65.7126, 57.6135



93.2017, 98.8619, 100.3962



55.6451, 54.6121, 56.9957



19.8767, 21.1156, 21.1575



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.



61.0057, 65.7126, 57.6135



88.5624, 95.9178, 79.3215



58.4340, 65.1366, 57.6379



13.3875, 14.3492, 13.2248



28.9439, 33.0050, 4.8451



1.7706, 2.0403, 0.3005

Inverse Universe

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



51.8827, 52.9858, 71.7834



72.1018, 72.9551, 104.8893



54.2391, 53.5589, 71.7698



11.8184, 12.1603, 15.6618



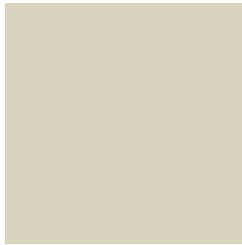
7.4818, 3.2253, 38.6814



0.4786, 0.2492, 2.3422

Previews

White Background



This preview shows how the XYZ color 61.0039, 65.7097, 57.6121 looks on a white background.

Color Contrast Check

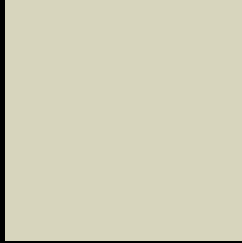
Large Text (above 18pt) WCAG AA × Fail

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 61.0039, 65.7097, 57.6121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

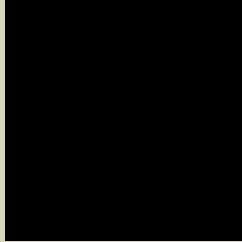
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

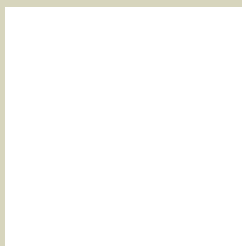
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0039, 65.7097, 57.6121

Background



This preview shows how black text looks on a background with the XYZ color 61.0039, 65.7097, 57.6121.



This preview shows how white text looks on a background with the XYZ color 61.0039, 65.7097,

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

61.0039, 65.7097, 57.6121

Protanopia

62.1902, 65.5915, 56.9596

Deuteranopia

66.9320, 65.4726, 58.4000



Tritanopia

65.5256, 65.7092, 79.7506

Trichromacy



Original Color

61.0039, 65.7097, 57.6121

Protanomaly

61.8340, 65.7779, 57.0144

Deuteranomaly

64.5621, 65.3323, 57.9228

Tritanomaly

63.7179, 65.7018, 70.9514

Monochromacy



Original Color

61.0039, 65.7097, 57.6121

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.4744, 65.3958, 65.8825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0039, 65.7097, 57.6121 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, 213, 189) looks like.

```
.text, #text, p{  
    color:rgb(215, 213, 189)  
}
```

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, 213, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 213, 189) }
```

Border

The CSS property to change the border of an element to XYZ 61.0039, 65.7097, 57.6121 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, 213, 189) }
```


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

```
.border{ border-color:rgb(215, 213, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 213, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 213, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 213, 189);  
box-shadow:4px 4px 4px 4px rgb(215, 213,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0039, 65.7097, 57.6121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 213, 189) }
```

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

```
.background{ background-color: rgb(215,  
213, 189) }
```

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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