

Converting Colors

XYZ(60.3119, 65.3655, 57.0150)

Have a look what the booklet for
XYZ(60.3119, 65.3655, 57.0150)
contains.

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Color

**XYZ(60.3119, 65.3655,
57.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D5BC
RGB	213, 213, 188
RGB Percent	84%, 84%, 74%
CMY	0.1647, 0.1647, 0.2627
CMYK	0.00, 0.00, 0.12, 0.16
HSL	60°, 23%, 79%
HSV	60°, 12%, 84%
XYZ	60.3119, 65.3655, 57.0150
YIQ	210.1500, 8.0250, -7.7750

Conversions

Conversions Part 2

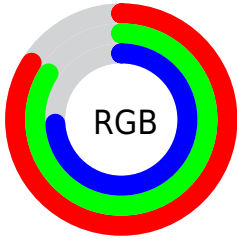
Format	Color
RYB	188, 213, 188
Decimal	14013884
CIELab	84.67, -4.27, 12.37
CIELCh	85, 13.085, 109.045
Yxy	65.3655, 0.3301, 0.3578
Android (android.graphics.Color)	4292203964 (0xFFD5D5BC)
YUV	210.1500, -10.9199, 2.4995
Hunter-Lab	80.8489, -8.3277, 14.7827

Details

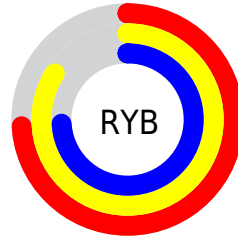
The XYZ color **60.3119, 65.3655, 57.0150** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7351, 51.4637, 70.2138**, and the grayscale version is **61.4243, 64.6232, 70.3747**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **30.7006, 33.4721, 27.7643** is the 20% darker color. If you saturate the color by 10%, you get **58.1827, 64.5158, 45.8008**, and if you desaturate by 10%, it is **62.7836, 66.3565, 70.0170**.

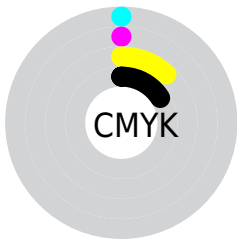
Distribution



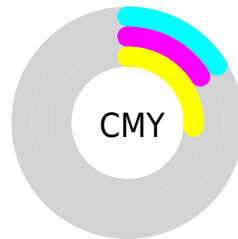
- Red (84%)
- Green (84%)
- Blue (74%)



- Red (74%)
- Yellow (84%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3119, 65.3655, 57.0150 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 60.3119, 65.3655, 57.0150 by changing the saturation by 10% instead.

■ 60.3119, 65.3655,
57.0150

■ 60.3119, 65.3655,
57.0150

415.5628,
444.1043, 431.0008

■ 43.9205, 47.7575,
40.6078

■ 104.3858,
112.5752, 101.9876

■ 30.8057, 33.6349,
27.6954

132.7989,
142.9456, 131.3902

■ 20.6020, 22.6133,
17.8591

165.9501,
178.3391, 165.9616

■ 12.9442, 14.3082,
10.6805

204.2045,
219.1398, 206.1205

■ 7.4669, 8.3353,
5.7410

247.9277,
265.7323, 252.2853

■ 3.8047, 4.3103,
2.6220

297.4849,

■ 1.5922, 1.8486,

318.5010, 304.8746

0.9038

353.2415,
377.8302, 364.3069

■ 0.3873, 0.5172,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3119, 65.3655,
57.0150

■ 60.3119, 65.3655,
57.0150

■ 58.1827, 64.5158,
45.8008

■ 62.7836, 66.3565,
70.0170

■ 56.3758, 63.7930,
36.2923

■ 65.6065, 67.4858,
84.8757

■ 54.8773, 63.1934,
28.4072

■ 68.7952, 68.7614,
101.6615

■ 53.6699, 62.7103,
22.0549

■ 69.2910, 68.9599,
104.2663

■ 52.7346, 62.3361,
17.1357

■ 69.2922, 68.9605,
104.2663

■ 52.0503, 62.0622,
13.5384

■ 69.2934, 68.9611,
104.2664

■ 51.5928, 61.8791,
11.1352

■ 69.2945, 68.9616,
104.2665

■ 51.3330, 61.7750,
9.7734

■ 69.2957, 68.9622,
104.2665

■ 51.2261, 61.7322,
9.2156

■ 69.2968, 68.9628,
104.2666

Harmonies

Analogous

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



63.2022, 65.3655, 56.5095



60.3119, 65.3655, 57.0150



57.9792, 65.3655, 61.1340

Triad

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



60.3119, 65.3655, 57.0150



58.5163, 65.3655, 84.0337



67.8110, 65.3655, 74.2748

Complementary

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



60.3119, 65.3655, 57.0150



50.7351, 51.4637, 70.2138

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.



66.4701, 65.3655, 82.2525



60.3119, 65.3655, 57.0150



61.0660, 65.3655, 88.1737

Square

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



60.3119, 65.3655, 57.0150



56.9652, 65.3655, 76.5547



63.9801, 65.3655, 87.4974



67.5936, 65.3655, 66.0475

Rectangle

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



60.3119, 65.3655, 57.0150



57.0256, 65.3655, 65.5691



63.9801, 65.3655, 87.4974



67.5259, 65.3655, 77.0851

Sweetspot

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



60.3137, 65.3684, 57.0164



93.4502, 99.3600, 100.4792



54.5030, 53.7450, 55.0791



19.9399, 21.2422, 21.1786



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.



60.3137, 65.3684, 57.0164



89.8233, 97.9090, 81.3892



56.8270, 63.5709, 56.8532



13.4726, 14.5199, 13.2532



31.2895, 37.7067, 5.6290



1.8873, 2.2743, 0.3395

Inverse Universe

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



50.7351, 51.4637, 70.2138



72.7656, 73.1474, 104.8914



53.9486, 53.1204, 70.3642



11.7429, 12.0088, 15.6365



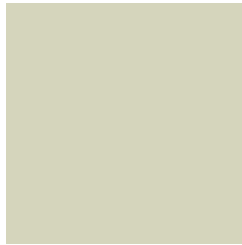
7.3368, 2.9348, 38.6329



0.4426, 0.1771, 2.3302

Previews

White Background



This preview shows how the XYZ color 60.3119, 65.3655, 57.0150 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 60.3119, 65.3655, 57.0150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

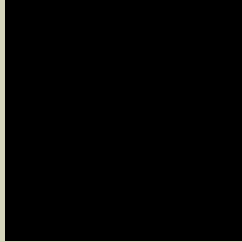
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

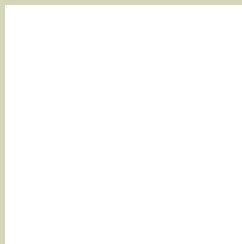
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3119, 65.3655, 57.0150

Background



This preview shows how black text looks on a background with the XYZ color 60.3119, 65.3655, 57.0150.



This preview shows how white text looks on a background with the XYZ color 60.3119, 65.3655,

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

60.3119, 65.3655, 57.0150

Protanopia

62.0827, 65.5485, 56.3937

Deuteranopia

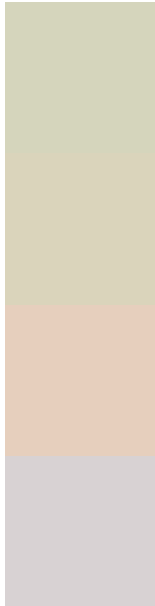
66.4837, 65.2542, 57.8064



Tritanopia

64.9239, 65.3990, 79.7224

Trichromacy



Original Color

60.3119, 65.3655, 57.0150

Protanomaly

61.4266, 65.5802, 56.4344

Deuteranomaly

64.1313, 65.1228, 57.3340

Tritanomaly

63.1234, 65.3953, 70.9236

Monochromacy



Original Color

60.3119, 65.3655, 57.0150

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.8189, 64.7017, 65.1603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3119, 65.3655, 57.0150 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(213, 213, 188)` looks like.

```
.text, #text, p{  
    color:rgb(213, 213, 188)  
}
```

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(213, 213, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 213, 188) }
```

Border

The CSS property to change the border of an element to XYZ 60.3119, 65.3655, 57.0150 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(213, 213, 188) }
```


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

```
.border{ border-color:rgb(213, 213, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 213, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 213, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 213, 188); box-shadow:4px 4px 4px 4px rgb(213, 213, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3119, 65.3655, 57.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 213, 188) }
```

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

```
.background{ background-color: rgb(213,  
213, 188) }
```

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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