

Converting Colors

XYZ(61.1288, 67.3175, 54.6433)

Have a look what the booklet for
XYZ(61.1288, 67.3175, 54.6433)
contains.

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Color

**XYZ(61.0917, 67.3407,
54.5779)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D9B7
RGB	214, 217, 183
RGB Percent	84%, 85%, 72%
CMY	0.1608, 0.1490, 0.2823
CMYK	0.01, 0.00, 0.16, 0.15
HSL	65°, 31%, 78%
HSV	65°, 16%, 85%
XYZ	61.0917, 67.3407, 54.5779
YIQ	212.2270, 9.1260, -11.2100

Conversions

Conversions Part 2

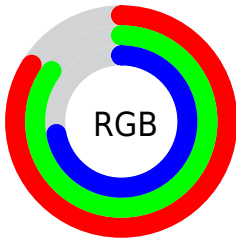
Format	Color
RYB	183, 217, 186
Decimal	14080439
CIELab	85.68, -6.75, 16.43
CIELCh	86, 17.764, 112.345
Yxy	67.3407, 0.3338, 0.3680
Android (android.graphics.Color)	4292270519 (0xFFD6D9B7)
YUV	212.2270, -14.4089, 1.5549
Hunter-Lab	82.0614, -10.7207, 18.0100

Details

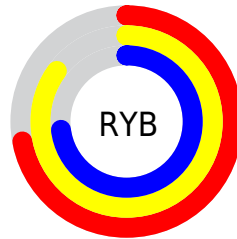
The XYZ color **61.0917, 67.3407, 54.5779** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.7100, 49.3175, 72.5484**, and the grayscale version is **62.8204, 66.0919, 71.9741**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **31.2477, 34.8233, 26.1937** is the 20% darker color. If you saturate the color by 10%, you get **58.4494, 66.2218, 43.5591**, and if you desaturate by 10%, it is **64.0925, 68.6083, 67.4340**.

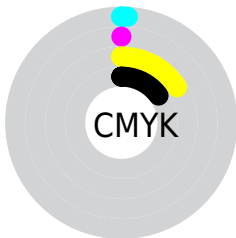
Distribution



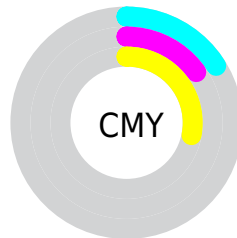
- Red (84%)
- Green (85%)
- Blue (72%)



- Red (72%)
- Yellow (85%)
- Blue (73%)



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0917, 67.3407, 54.5779 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 61.0917, 67.3407, 54.5779 by changing the saturation by 10% instead.

■ 61.0917, 67.3407,
54.5779

■ 61.0917, 67.3407,
54.5779

418.3807,
451.1565, 421.5467

■ 44.5520, 49.3616,
38.6676

■ 105.5091,
115.4085, 98.3872

■ 31.3045, 34.9064,
26.1954

134.1174,
146.2659, 127.1232

■ 20.9838, 23.5908,
16.7428

167.4794,
182.1848, 160.9715

■ 13.2245, 15.0303,
9.8913

205.9603,
223.5497, 200.3507

■ 7.6614, 8.8407,
5.2223

249.9256,
270.7449, 245.6793

■ 3.9290, 4.6374,
2.3172

299.7405,

■ 1.6621, 2.0361,

324.1549, 297.3757

0.7409

355.7704,
384.1639, 355.8587

■ 0.4323, 0.6283,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0917, 67.3407,
54.5779

■ 61.0917, 67.3407,
54.5779

■ 58.4494, 66.2218,
43.5591

■ 64.0925, 68.6083,
67.4340

■ 56.1443, 65.2362,
34.2896

■ 67.4613, 70.0216,
82.2015

■ 54.1609, 64.3801,
26.6805

■ 71.2139, 71.5892,
98.9557

■ 52.4807, 63.6460,
20.6335

■ 72.8873, 72.3259,
104.7265

■ 51.0829, 63.0257,
16.0399

■ 73.4768, 72.6298,
104.7540

■ 49.9443, 62.5097,
12.7772

■ 74.0729, 72.9371,
104.7819

■ 49.0377, 62.0873,
10.7026

■ 74.6758, 73.2479,
104.8102

■ 48.3297, 61.7452,
9.6406

■ 75.2854, 73.5621,
104.8387

■ 48.0590, 61.6115,
9.3592

■ 75.9018, 73.8799,
104.8675

Harmonies

Analogous

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



65.0477, 67.3407, 53.3753



61.0917, 67.3407, 54.5779



58.0390, 67.3407, 60.5308

Triad

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



61.0917, 67.3407, 54.5779



59.3673, 67.3407, 92.4235



72.0331, 67.3407, 76.3322

Complementary

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



61.0917, 67.3407, 54.5779



49.7100, 49.3175, 72.5484

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.



70.3671, 67.3407, 87.8003



61.0917, 67.3407, 54.5779



62.9741, 67.3407, 97.7072

Square

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



61.0917, 67.3407, 54.5779



57.0731, 67.3407, 82.1275



67.0101, 67.3407, 95.9319



71.4773, 67.3407, 65.1706

Rectangle

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



61.0917, 67.3407, 54.5779



56.8715, 67.3407, 66.7678



67.0101, 67.3407, 95.9319



71.7120, 67.3407, 80.2929

Sweetspot

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



61.0935, 67.3437, 54.5793



92.6514, 98.9928, 98.4257



54.6885, 53.2200, 52.1908



19.7614, 21.1592, 20.7642



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.



61.0935, 67.3437, 54.5793



86.6503, 96.4602, 72.7952



56.4321, 64.9406, 54.3612



14.0429, 15.2024, 13.9198



29.1368, 37.3181, 5.6674



1.9216, 2.4352, 0.3688

Inverse Universe

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



49.7100, 49.3175, 72.5484



67.0693, 65.4517, 103.7063



54.0432, 51.5514, 72.7512



12.4448, 12.6719, 16.4421



7.7838, 3.1369, 39.9336



0.5419, 0.2226, 2.5889

Previews

White Background



This preview shows how the XYZ color 61.0917, 67.3407, 54.5779 looks on a white background.

Color Contrast Check

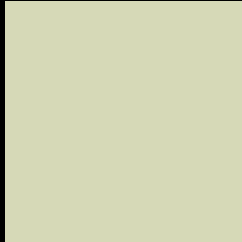
Large Text (above 18pt) WCAG AA × Fail

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 61.0917, 67.3407, 54.5779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

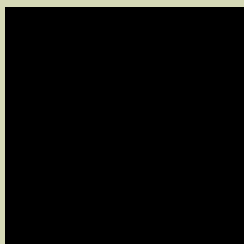
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

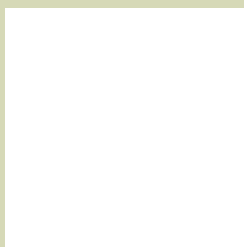
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0917, 67.3407, 54.5779

Background



This preview shows how black text looks on a background with the XYZ color 61.0917, 67.3407, 54.5779.



This preview shows how white text looks on a background with the XYZ color 61.0917, 67.3407,

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

61.0917, 67.3407, 54.5779

Protanopia

63.4384, 67.4369, 53.3891

Deuteranopia

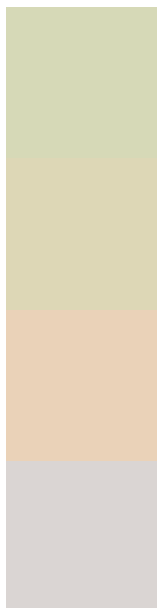
68.4845, 67.0579, 55.2329



Tritanopia

66.6746, 67.3502, 82.1588

Trichromacy



Original Color

61.0917, 67.3407, 54.5779

Protanomaly

62.5627, 67.3504, 53.9585

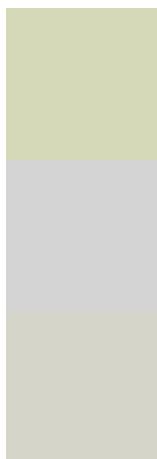
Deuteranomaly

65.6300, 67.0463, 54.8296

Tritanomaly

64.4656, 67.1971, 71.2006

Monochromacy



Original Color

61.0917, 67.3407, 54.5779

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.0298, 66.4563, 64.8164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0917, 67.3407, 54.5779 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(214, 217, 183)` looks like.

```
.text, #text, p{  
    color:rgb(214, 217, 183)  
}
```

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(214, 217, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 183) }
```

Border

The CSS property to change the border of an element to XYZ 61.0917, 67.3407, 54.5779 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(214, 217, 183) }
```


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

```
.border{ border-color:rgb(214, 217, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 217, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 217, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 217, 183);  
box-shadow:4px 4px 4px 4px rgb(214, 217,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0917, 67.3407, 54.5779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 217, 183) }
```

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

```
.background{ background-color: rgb(214,  
217, 183) }
```

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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