

Converting Colors

XYZ(61.6434, 69.1382, 56.7046)

Have a look what the booklet for
XYZ(61.6434, 69.1382, 56.7046)
contains.

XYZ(61.5833, 69.1070, 56.5476)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.5833, 69.1070,
56.5476)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DDBA
RGB	211, 221, 186
RGB Percent	83%, 87%, 73%
CMY	0.1725, 0.1333, 0.2706
CMYK	0.05, 0.00, 0.16, 0.13
HSL	77°, 34%, 80%
HSV	77°, 16%, 87%
XYZ	61.5833, 69.1070, 56.5476
YIQ	214.0200, 5.2750, -13.0050

Conversions

Conversions Part 2

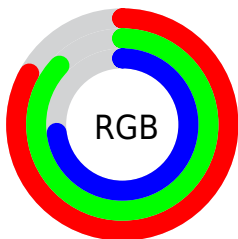
Format	Color
RYB	186, 221, 196
Decimal	13884858
CIELab	86.56, -9.40, 16.06
CIELCh	87, 18.609, 120.333
Yxy	69.1070, 0.3289, 0.3691
Android (android.graphics.Color)	4292074938 (0xFFD3DDBA)
YUV	214.0200, -13.8139, -2.6485
Hunter-Lab	83.1306, -13.2455, 17.8608

Details

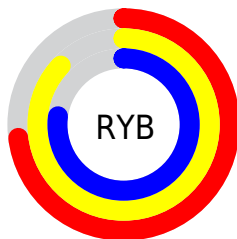
The XYZ color **61.5833, 69.1070, 56.5476** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.3779, 52.0760, 75.6488**, and the grayscale version is **64.0191, 67.3531, 73.3475**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **31.5802, 36.0338, 27.4811** is the 20% darker color. If you saturate the color by 10%, you get **57.6395, 67.3268, 45.0327**, and if you desaturate by 10%, it is **65.9654, 71.0753, 69.9827**.

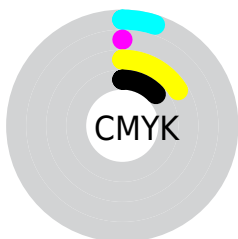
Distribution



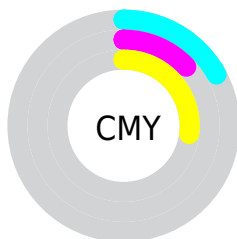
- Red (83%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (77%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)
- Black (13%)



- Cyan (17%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5833, 69.1070, 56.5476 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 61.5833, 69.1070, 56.5476 by changing the saturation by 10% instead.

■ 61.5833, 69.1070,
56.5476

■ 61.5833, 69.1070,
56.5476

420.1513,
457.4083, 429.1981

■ 44.9504, 50.7989,
40.2352

■ 106.2164,
117.9344, 101.2985

■ 31.6195, 36.0486,
27.4068

134.9473,
149.2224, 130.5742

■ 21.2252, 24.4717,
17.6438

168.4416,
185.6059, 165.0079

■ 13.4021, 15.6839,
10.5278

207.0646,
227.4692, 205.0184

■ 7.7849, 9.3007,
5.6401

251.1818,
275.1966, 251.0241

■ 4.0083, 4.9379,
2.5623

301.1584,

■ 1.7068, 2.2109,

329.1727, 303.4436

0.8729

357.3597,
389.7818, 362.6954

■ 0.4605, 0.7259,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5833, 69.1070,
56.5476

■ 61.5833, 69.1070,
56.5476

■ 57.6395, 67.3268,
45.0327

■ 65.9654, 71.0753,
69.9827

■ 54.1109, 65.7185,
35.3458

■ 70.7966, 73.2293,
85.4157

■ 50.9807, 64.2776,
27.3939

■ 76.0942, 75.5783,
102.9253

■ 48.2285, 62.9958,
21.0739

■ 78.5891, 76.8146,
105.2924

■ 45.8317, 61.8640,
16.2719

■ 80.7270, 77.9168,
105.3924

■ 43.7652, 60.8721,
12.8592

■ 82.9399, 79.0576,
105.4960

■ 41.9995, 60.0081,
10.6861

■ 85.1479, 80.1958,
105.5993

■ 40.4987, 59.2576,
9.5675

■ 39.9263, 58.9683,
9.2777

Harmonies

Analogous

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



65.6359, 69.1070, 53.9021



61.5833, 69.1070, 56.5476



58.7368, 69.1070, 64.0893

Triad

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



61.5833, 69.1070, 56.5476



61.6634, 69.1070, 97.8334



74.3331, 69.1070, 75.1076

Complementary

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



61.5833, 69.1070, 56.5476



53.3779, 52.0760, 75.6488

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.



73.1587, 69.1070, 87.6272



61.5833, 69.1070, 56.5476



65.7324, 69.1070, 101.5896

Square

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



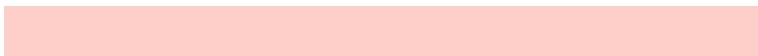
61.5833, 69.1070, 56.5476



58.7816, 69.1070, 87.8925



69.9631, 69.1070, 97.6688



73.1069, 69.1070, 63.8744

Rectangle

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



61.5833, 69.1070, 56.5476



57.8415, 69.1070, 71.3268



69.9631, 69.1070, 97.6688



74.2055, 69.1070, 79.3058

Sweetspot

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



61.5851, 69.1100, 56.5491



91.7365, 98.5212, 98.3829



58.4054, 58.3618, 54.6421



19.5385, 21.0443, 20.7538



0.0000, 0.0000, 0.0000



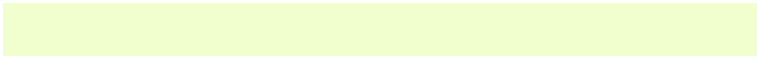
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5851, 69.1100, 56.5491



83.2950, 94.7305, 72.6381



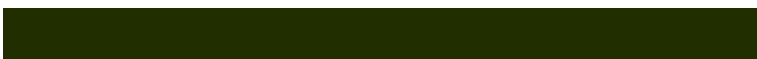
56.8630, 66.6757, 56.3281



13.7807, 15.0672, 13.9075



23.3091, 34.3138, 5.3947



1.5933, 2.2659, 0.3534

Inverse Universe

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



53.3779, 52.0760, 75.6488



69.8899, 66.9058, 103.8383



58.1741, 54.5486, 75.8733



12.6865, 12.7965, 16.4535



8.8755, 3.6997, 39.9847



0.6589, 0.2829, 2.5943

Previews

White Background



This preview shows how the XYZ color 61.5833, 69.1070, 56.5476 looks on a white background.

Color Contrast Check

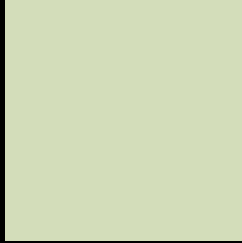
Large Text (above 18pt) WCAG AA × Fail

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 61.5833, 69.1070, 56.5476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

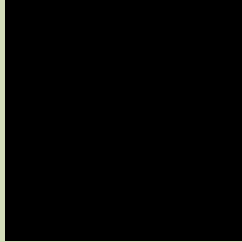
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

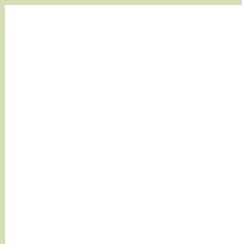
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5833, 69.1070, 56.5476

Background



This preview shows how black text looks on a background with the XYZ color 61.5833, 69.1070, 56.5476.

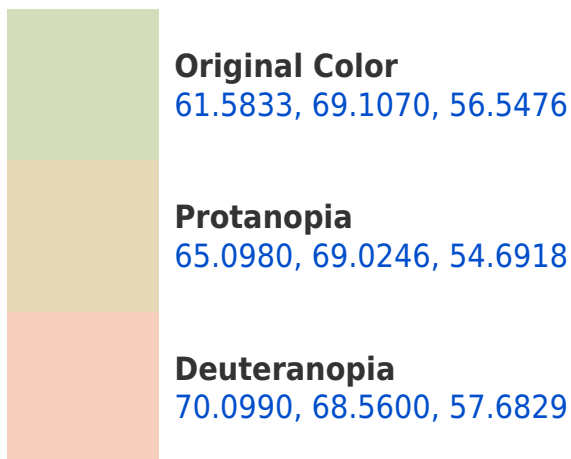


This preview shows how white text looks on a background with the XYZ color 61.5833, 69.1070,

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

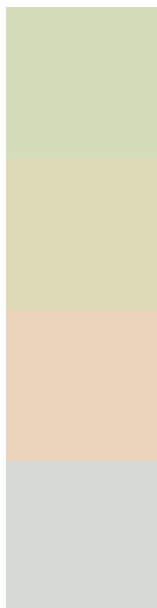




Tritanopia

67.7794, 69.3325, 86.1541

Trichromacy



Original Color

61.5833, 69.1070, 56.5476

Protanomaly

63.8473, 69.1331, 55.3263

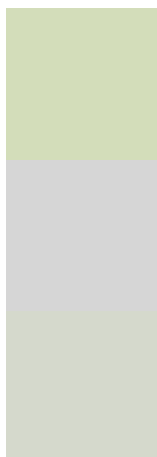
Deuteranomaly

66.8030, 68.7118, 57.3188

Tritanomaly

65.1029, 68.9791, 74.1730

Monochromacy



Original Color

61.5833, 69.1070, 56.5476

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.1525, 68.1315, 66.9489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5833, 69.1070, 56.5476 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(211, 221, 186)` looks like.

```
.text, #text, p{  
    color:rgb(211, 221, 186)  
}
```

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(211, 221, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 221, 186) }
```

Border

The CSS property to change the border of an element to XYZ 61.5833, 69.1070, 56.5476 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(211, 221, 186) }
```


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

```
.border{ border-color:rgb(211, 221, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 221, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 221, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 221, 186);  
box-shadow:4px 4px 4px 4px rgb(211, 221,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5833, 69.1070, 56.5476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 221, 186) }
```

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

```
.background{ background-color: rgb(211,  
221, 186) }
```

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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