

Converting Colors

XYZ(56.1661, 61.7932, 38.2452)

Have a look what the booklet for
XYZ(56.1661, 61.7932, 38.2452)
contains.

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Color

**XYZ(56.1661, 61.7932,
38.2452)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D097
RGB	215, 208, 151
RGB Percent	84%, 82%, 59%
CMY	0.1569, 0.1843, 0.4078
CMYK	0.00, 0.03, 0.30, 0.16
HSL	53°, 44%, 72%
HSV	53°, 30%, 84%
XYZ	56.1661, 61.7932, 38.2452
YIQ	203.5950, 22.4690, -16.2430

Conversions

Conversions Part 2

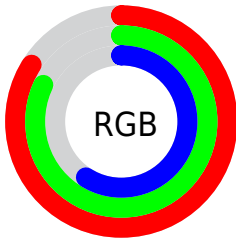
Format	Color
RYB	159, 215, 151
Decimal	14143639
CIELab	82.80, -6.30, 29.24
CIELCh	83, 29.907, 102.153
Yxy	61.7932, 0.3596, 0.3956
Android (android.graphics.Color)	4292333719 (0xFFD7D097)
YUV	203.5950, -25.9293, 10.0022
Hunter-Lab	78.6087, -10.0264, 26.1799

Details

The XYZ color **56.1661, 61.7932, 38.2452** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.2549, 35.9383, 69.2633**, and the grayscale version is **57.2887, 60.2722, 65.6364**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **28.1539, 31.4022, 16.6340** is the 20% darker color. If you saturate the color by 10%, you get **54.0088, 60.0225, 29.6832**, and if you desaturate by 10%, it is **58.6535, 63.7138, 48.4896**.

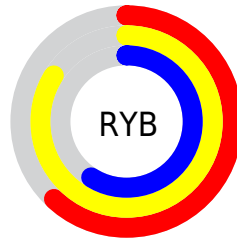
Distribution



Red (84%)

Green (82%)

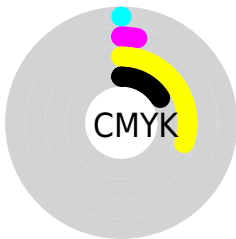
Blue (59%)



Red (62%)

Yellow (84%)

Blue (59%)

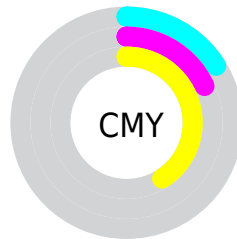


Cyan (0%)

Magenta (3%)

Yellow (30%)

Black (16%)



Cyan (16%)


Magenta (18%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1661, 61.7932, 38.2452 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 56.1661, 61.7932, 38.2452 by changing the saturation by 10% instead.

 56.1661, 61.7932,
38.2452


 56.1661, 61.7932,
38.2452


400.3820,
431.1764, 354.0003

 40.5736, 44.8656,
25.8697


 98.3858, 107.4266,
73.6914

 28.1723, 31.3516,
16.5013

 125.7437,
136.9012, 97.5992

 18.5967, 20.8667,
9.7214


157.7542,
171.3269, 126.1882

 11.4815, 13.0266,
5.1115

194.7826,
211.0882, 159.8770

 6.4613, 7.4469,
2.2529

237.1942,
256.5694, 199.0841

 3.1709, 3.7431,
0.7047

285.3544,

 1.2448, 1.5309,

308.1549, 244.2279

0.0000

339.6286,
366.2290, 295.7272

■ 0.1413, 0.3103,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1661, 61.7932,
38.2452

■ 56.1661, 61.7932,
38.2452

■ 54.0088, 60.0225,
29.6832

■ 58.6535, 63.7138,
48.4896

■ 52.1595, 58.3864,
22.7085

■ 61.4823, 65.7825,
60.4970

■ 50.6008, 56.8800,
17.2225

■ 64.6692, 68.0081,
74.3472

■ 49.3115, 55.4947,
13.1139

■ 68.2280, 70.3962,
90.1142

■ 48.2675, 54.2210,
10.2558

■ 71.6032, 72.7247,
104.8711

■ 47.4403, 53.0472,
8.4979

■ 72.2233, 73.9651,
105.0778

■ 46.7796, 51.9533,
7.5768

■ 72.8522, 75.2228,
105.2875

■ 46.7649, 51.9281,
7.5584

■ 73.4898, 76.4980,
105.5000

■ 74.1362, 77.7908,
105.7155

Harmonies

Analogous

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



62.6071, 61.7932, 38.8739



56.1661, 61.7932, 38.2452



50.8139, 61.7932, 44.2819

Triad

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



56.1661, 61.7932, 38.2452



50.0287, 61.7932, 93.9761



71.3154, 61.7932, 78.7379

Complementary

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



56.1661, 61.7932, 38.2452



37.2549, 35.9383, 69.2633

Split Complementary

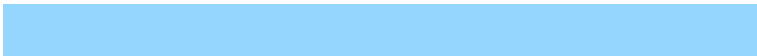
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.4340, 61.7932, 97.1214



56.1661, 61.7932, 38.2452



55.0213, 61.7932, 106.9646

Square

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



56.1661, 61.7932, 38.2452



47.4478, 61.7932, 75.0214



61.3761, 61.7932, 108.2107



71.6782, 61.7932, 60.0946

Rectangle

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



56.1661, 61.7932, 38.2452



48.4573, 61.7932, 52.0495



61.3761, 61.7932, 108.2107



70.3665, 61.7932, 85.2301

Sweetspot

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



56.1677, 61.7960, 38.2465



90.7776, 97.0191, 90.3232



45.3033, 39.0657, 37.7123



19.2912, 20.6668, 18.7357



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.



56.1677, 61.7960, 38.2465



80.5112, 89.1964, 47.7176



51.2387, 61.8428, 38.5153



13.3515, 14.2773, 13.2128



28.0190, 31.1552, 4.5368



1.7238, 1.9469, 0.2849

Inverse Universe

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



37.2549, 35.9383, 69.2633



48.1835, 45.0042, 100.7549



41.1321, 36.2161, 69.1125



11.8508, 12.2250, 15.6726



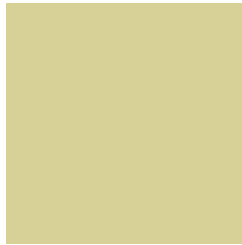
7.5638, 3.3893, 38.7087



0.4939, 0.2798, 2.3473

Previews

White Background



This preview shows how the XYZ color 56.1661, 61.7932, 38.2452 looks on a white background.

Color Contrast Check

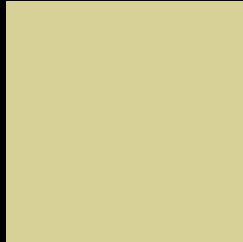
Large Text (above 18pt) WCAG AA × Fail

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 56.1661, 61.7932, 38.2452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

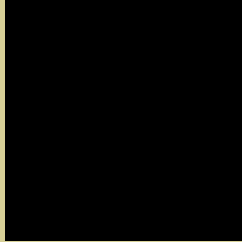
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1661, 61.7932, 38.2452

Background



This preview shows how black text looks on a background with the XYZ color 56.1661, 61.7932, 38.2452.



This preview shows how white text looks on a background with the XYZ color 56.1661, 61.7932,

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

56.1661, 61.7932, 38.2452

Protanopia

57.7005, 61.8742, 37.7559

Deuteranopia

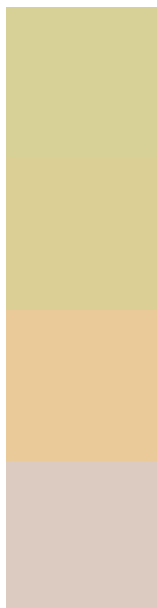
62.9060, 61.7428, 38.7390



Tritanopia

63.3514, 61.9028, 72.8994

Trichromacy



Original Color

56.1661, 61.7932, 38.2452

Protanomaly

57.0313, 61.8877, 37.7938

Deuteranomaly

60.3923, 61.8317, 38.4575

Tritanomaly

60.3856, 61.7333, 58.6022

Monochromacy



Original Color

56.1661, 61.7932, 38.2452

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.6007, 60.5753, 54.6080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1661, 61.7932, 38.2452 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, 208, 151)` looks like.

```
.text, #text, p{  
    color:rgb(215, 208, 151)  
}
```

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, 208, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 208, 151) }
```

Border

The CSS property to change the border of an element to XYZ 56.1661, 61.7932, 38.2452 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, 208, 151) }
```


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

```
.border{ border-color:rgb(215, 208, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 208, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 208, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 208, 151);  
box-shadow:4px 4px 4px 4px rgb(215, 208,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1661, 61.7932, 38.2452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 208, 151) }
```

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

```
.background{ background-color: rgb(215,  
208, 151) }
```

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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