

Converting Colors

XYZ(56.8338, 63.2547, 35.1215)

Have a look what the booklet for
XYZ(56.8338, 63.2547, 35.1215)
contains.

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Color

**XYZ(56.8675, 63.3234,
35.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D38F
RGB	217, 211, 143
RGB Percent	85%, 83%, 56%
CMY	0.1490, 0.1725, 0.4392
CMYK	0.00, 0.03, 0.34, 0.15
HSL	55°, 49%, 71%
HSV	55°, 34%, 85%
XYZ	56.8675, 63.3234, 35.2120
YIQ	205.0420, 25.4040, -19.8760

Conversions

Conversions Part 2

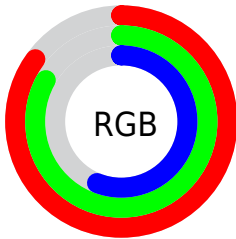
Format	Color
R _{YB}	150, 217, 143
Decimal	14275471
CIE _{Lab}	83.61, -8.04, 34.47
CIE _{LCh}	84, 35.391, 103.136
Yxy	63.3234, 0.3659, 0.4075
Android (android.graphics.Color)	4292465551 (0xFFD9D38F)
YUV	205.0420, -30.5867, 10.4872
Hunter-Lab	79.5760, -11.6963, 29.4677

Details

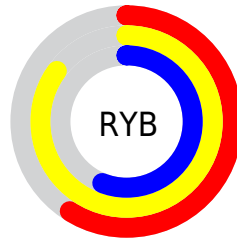
The XYZ color **56.8675, 63.3234, 35.2120** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.5994, 32.3435, 70.0652**, and the grayscale version is **58.2336, 61.2662, 66.7189**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **28.6867, 32.4637, 14.8794** is the 20% darker color. If you saturate the color by 10%, you get **54.9464, 61.8622, 27.2311**, and if you desaturate by 10%, it is **59.1146, 64.9271, 44.8719**.

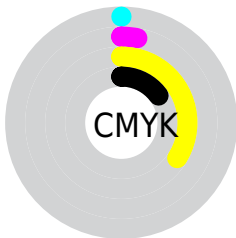
Distribution



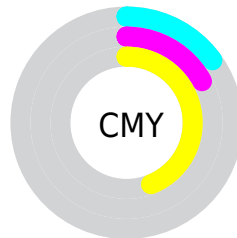
- Red (85%)
- Green (83%)
- Blue (56%)



- Red (59%)
- Yellow (85%)
- Blue (56%)



- Cyan (0%)
- Magenta (3%)
- Yellow (34%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8675, 63.3234, 35.2120 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 56.8675, 63.3234, 35.2120 by changing the saturation by 10% instead.

■ 56.8675, 63.3234,
35.2120

■ 56.8675, 63.3234,
35.2120

402.9748,
436.7422, 340.4357

■ 41.1386, 46.1029,
23.5414

■ 99.4043, 109.6359,
68.9694

■ 28.6155, 32.3270,
14.7847

■ 126.9429,
139.4968, 91.8932

■ 18.9330, 21.6114,
8.5235

159.1488,
174.3398, 119.4051

■ 11.7256, 13.5716,
4.3392

196.3873,
214.5495, 151.9237

■ 6.6280, 7.8233,
1.8132

239.0238,
260.5102, 189.8675

■ 3.2748, 3.9821,
0.4366

287.4237,

■ 1.3007, 1.6636,

312.6062, 233.6551

0.0000

341.9522,
371.2221, 283.7050

■ 0.1837, 0.3999,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8675, 63.3234,
35.2120

■ 56.8675, 63.3234,
35.2120

■ 54.9464, 61.8622,
27.2311

■ 59.1146, 64.9271,
44.8719

■ 53.3280, 60.5274,
20.8281

■ 61.6999, 66.6716,
56.2958

■ 51.9937, 59.3139,
15.8977

■ 64.6406, 68.5659,
69.5681

■ 50.9207, 58.2125,
12.3197

■ 67.9516, 70.6160,
84.7662

■ 50.0826, 57.2125,
9.9551

■ 71.6468, 72.8276,
101.9634

■ 49.4472, 56.3012,
8.6352

■ 72.6682, 73.9774,
105.0568

■ 49.1357, 55.7924,
8.1793

■ 73.1363, 74.9136,
105.2128

■ 73.6093, 75.8597,
105.3705

■ 74.0872, 76.8155,
105.5298

Harmonies

Analogous

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



64.6087, 63.3234, 35.6725



56.8675, 63.3234, 35.2120



50.5735, 63.3234, 42.2869

Triad

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



56.8675, 63.3234, 35.2120



49.9664, 63.3234, 102.3914



75.5833, 63.3234, 82.0676

Complementary

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



56.8675, 63.3234, 35.2120



34.5994, 32.3435, 70.0652

Split Complementary

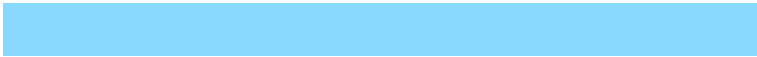
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9475, 63.3234, 104.9646



56.8675, 63.3234, 35.2120



55.9718, 63.3234, 118.3132

Square

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



56.8675, 63.3234, 35.2120



46.8255, 63.3234, 79.0963



63.6332, 63.3234, 119.3447



75.8754, 63.3234, 59.7079

Rectangle

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



56.8675, 63.3234, 35.2120



47.8623, 63.3234, 51.4254



63.6332, 63.3234, 119.3447



74.4643, 63.3234, 90.0584

Sweetspot

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



56.8691, 63.3263, 35.2133



90.5573, 97.1541, 88.4750



43.8764, 36.5726, 33.2511



19.2571, 20.7133, 18.3708



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.



56.8691, 63.3263, 35.2133



79.8986, 89.7111, 42.1494



50.0615, 62.0692, 35.3295



14.0673, 15.0739, 13.8937



29.7810, 33.8476, 4.9636



1.9566, 2.2474, 0.3307

Inverse Universe

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



34.5994, 32.3435, 70.0652



43.0950, 38.5155, 99.7706



39.7660, 33.6350, 70.0422



12.4230, 12.7858, 16.4653



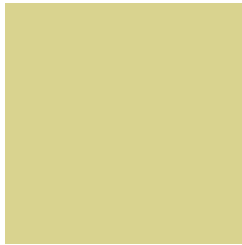
7.7393, 3.3480, 39.9767



0.5315, 0.2772, 2.5999

Previews

White Background



This preview shows how the XYZ color 56.8675, 63.3234, 35.2120 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 56.8675, 63.3234, 35.2120 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 56.8675, 63.3234, 35.2120

Background



This preview shows how black text looks on a background with the XYZ color 56.8675, 63.3234, 35.2120.



This preview shows how white text looks on a background with the XYZ color 56.8675, 63.3234,

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

56.8675, 63.3234, 35.2120

Protanopia

58.4897, 63.0723, 34.6826

Deuteranopia

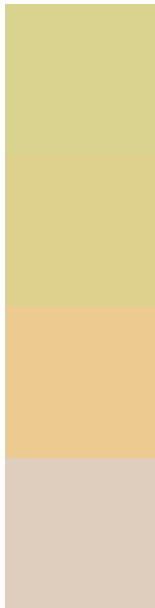
64.2457, 62.8476, 35.5328



Tritanopia

65.0089, 63.4196, 74.4605

Trichromacy



Original Color

56.8675, 63.3234, 35.2120

Protanomaly

57.8072, 63.0835, 34.7208

Deuteranomaly

61.3150, 62.7300, 35.2620

Tritanomaly

61.5570, 63.0683, 57.6442

Monochromacy



Original Color

56.8675, 63.3234, 35.2120

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.0508, 61.5584, 53.1310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8675, 63.3234, 35.2120 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(217, 211, 143)` looks like.

```
.text, #text, p{  
    color:rgb(217, 211, 143)  
}
```

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(217, 211, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 211, 143) }
```

Border

The CSS property to change the border of an element to XYZ 56.8675, 63.3234, 35.2120 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(217, 211, 143) }
```


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

```
.border{ border-color:rgb(217, 211, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 211, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 211, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 211, 143);  
box-shadow:4px 4px 4px 4px rgb(217, 211,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8675, 63.3234, 35.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 211, 143) }
```

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

```
.background{ background-color: rgb(217,  
211, 143) }
```

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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