

Converting Colors

XYZ(56.5741, 65.9131, 39.8782)

Have a look what the booklet for
XYZ(56.5741, 65.9131, 39.8782)
contains.

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Color

**XYZ(56.8134, 66.2283,
39.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	CFDB99
RGB	207, 219, 153
RGB Percent	81%, 86%, 60%
CMY	0.1882, 0.1412, 0.4000
CMYK	0.05, 0.00, 0.30, 0.14
HSL	71°, 48%, 73%
HSV	71°, 30%, 86%
XYZ	56.8134, 66.2283, 39.9260
YIQ	207.8880, 14.0340, -23.0700

Conversions

Conversions Part 2

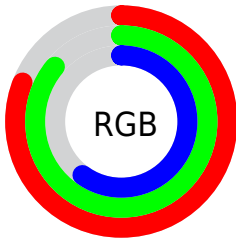
Format	Color
RYB	153, 219, 165
Decimal	13622169
CIELab	85.11, -14.64, 31.18
CIELCh	85, 34.449, 115.158
Yxy	66.2283, 0.3486, 0.4064
Android (android.graphics.Color)	4291812249 (0xFFCFDB99)
YUV	207.8880, -27.0598, -0.7788
Hunter-Lab	81.3808, -17.8022, 27.8784

Details

The XYZ color **56.8134, 66.2283, 39.9260** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.6971, 35.8981, 71.8583**, and the grayscale version is **60.0465, 63.1736, 68.7960**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **28.5733, 34.1659, 17.4006** is the 20% darker color. If you saturate the color by 10%, you get **54.0698, 65.0062, 31.2066**, and if you desaturate by 10%, it is **59.9205, 67.6036, 50.3981**.

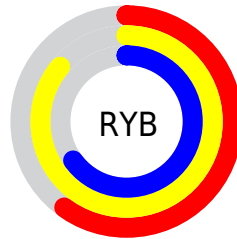
Distribution



Red (81%)

Green (86%)

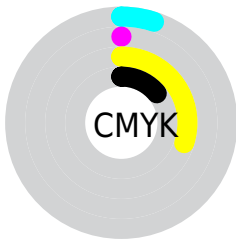
Blue (60%)



Red (60%)

Yellow (86%)

Blue (65%)

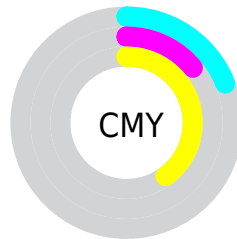


Cyan (5%)

Magenta (0%)

Yellow (30%)

Black (14%)



Cyan (19%)


Magenta (14%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8134, 66.2283, 39.9260 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 56.8134, 66.2283, 39.9260 by changing the saturation by 10% instead.


 56.8134, 66.2283,
39.9260


 56.8134, 66.2283,
39.9260

402.7752,
447.1929, 361.3544

 41.0950, 48.4578,
27.1675


 99.3258, 113.8139,
76.2867

 28.5813, 34.1895,
17.4655


 126.8505,
144.3978, 100.7259

 18.9070, 23.0392,
10.4015


159.0413,
180.0216, 129.8959

 11.7067, 14.6225,
5.5569

196.2637,
221.0697, 164.2150

 6.6151, 8.5549,
2.5132

238.8829,
267.9265, 204.1019

 3.2667, 4.4520,
0.8471

287.2643,

 1.2963, 1.9295,

320.9763, 249.9750

0.0000

341.7733,
380.6037, 302.2530

0.1805, 0.5660,
0.0000

0.0000, 0.0000,
0.0000

56.8134, 66.2283,
39.9260

56.8134, 66.2283,
39.9260

54.0698, 65.0062,
31.2066

59.9205, 67.6036,
50.3981

51.6662, 63.9210,
24.1397

63.4031, 69.1301,
62.7070

49.5842, 62.9676,
18.6220

67.2787, 70.8171,
76.9367

47.8013, 62.1372,
14.5363

71.5621, 72.6706,
93.1647

■ 46.2921, 61.4192,
11.7491

■ 75.0354, 74.2033,
104.9756

■ 45.0261, 60.8018,
10.1017

■ 76.3059, 74.8582,
105.0351

■ 43.9630, 60.2700,
9.3162

■ 77.6056, 75.5283,
105.0959

■ 78.9348, 76.2135,
105.1581

■ 80.2936, 76.9140,
105.2217

Harmonies

Analogous

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



64.2164, 66.2283, 37.3520



56.8134, 66.2283, 39.9260



51.4749, 66.2283, 50.3418

Triad

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



56.8134, 66.2283, 39.9260



54.7995, 66.2283, 113.1939



79.0235, 66.2283, 75.7804

Complementary

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



56.8134, 66.2283, 39.9260



39.6971, 35.8981, 71.8583

Split Complementary

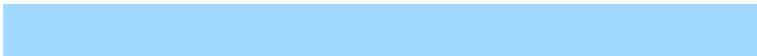
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0105, 66.2283, 99.3954



56.8134, 66.2283, 39.9260



61.6964, 66.2283, 123.6449

Square

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



56.8134, 66.2283, 39.9260



50.3809, 66.2283, 91.8536



69.5091, 66.2283, 118.1381



77.4483, 66.2283, 55.4223

Rectangle

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



56.8134, 66.2283, 39.9260



49.5938, 66.2283, 61.7059



69.5091, 66.2283, 118.1381



78.5070, 66.2283, 83.6254

Sweetspot

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



56.8151, 66.2312, 39.9274



90.0535, 97.8259, 90.5171



48.2409, 43.9128, 36.0714



19.1116, 20.8673, 18.7839



0.0000, 0.0000, 0.0000



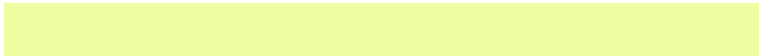
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8151, 66.2312, 39.9274



77.7505, 92.4011, 48.4817



48.7628, 62.0801, 39.5506



13.9179, 15.1379, 13.9139



26.1519, 35.7793, 5.5277



1.7560, 2.3498, 0.3610

Inverse Universe

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



39.6971, 35.8981, 71.8583



49.9812, 43.1764, 100.3073



47.2056, 39.7689, 72.2097



12.5585, 12.7305, 16.4475



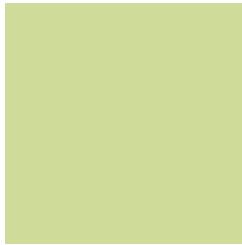
8.1630, 3.3324, 39.9514



0.5957, 0.2503, 2.5914

Previews

White Background



This preview shows how the XYZ color 56.8134, 66.2283, 39.9260 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 56.8134, 66.2283, 39.9260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

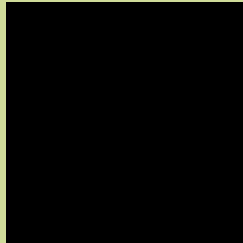
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8134, 66.2283, 39.9260

Background



This preview shows how black text looks on a background with the XYZ color 56.8134, 66.2283, 39.9260.



This preview shows how white text looks on a background with the XYZ color 56.8134, 66.2283,

39.9260.

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

56.8134, 66.2283, 39.9260

Protanopia

61.3616, 65.9470, 38.3491

Deuteranopia

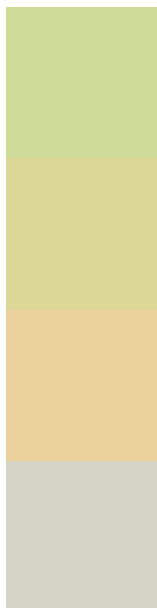
67.3773, 66.0953, 40.6590



Tritanopia

65.3893, 66.3359, 81.3092

Trichromacy



Original Color

56.8134, 66.2283, 39.9260

Protanomaly

59.7051, 66.2074, 38.9107

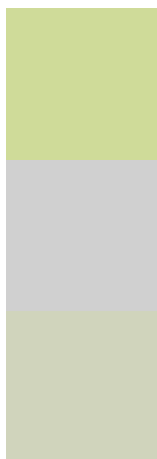
Deuteranomaly

62.9778, 65.6297, 40.3588

Tritanomaly

61.5436, 65.8582, 63.5010

Monochromacy



Original Color

56.8134, 66.2283, 39.9260

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.6330, 64.1277, 56.8645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8134, 66.2283, 39.9260 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(207, 219, 153)` looks like.

```
.text, #text, p{  
    color:rgb(207, 219, 153)  
}
```

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(207, 219, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 219, 153) }
```

Border

The CSS property to change the border of an element to XYZ 56.8134, 66.2283, 39.9260 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(207, 219, 153) }
```


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

```
.border{ border-color:rgb(207, 219, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 219, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 219, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 219, 153);  
box-shadow:4px 4px 4px 4px rgb(207, 219,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8134, 66.2283, 39.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 219, 153) }
```

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

```
.background{ background-color: rgb(207,  
219, 153) }
```

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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