

Converting Colors

XYZ(60.6562, 66.3040, 39.1887)

Have a look what the booklet for
XYZ(60.6562, 66.3040, 39.1887)
contains.

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Color

**XYZ(60.7654, 66.3677,
39.3133)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D698
RGB	225, 214, 152
RGB Percent	88%, 84%, 60%
CMY	0.1176, 0.1608, 0.4039
CMYK	0.00, 0.05, 0.32, 0.12
HSL	51°, 55%, 74%
HSV	51°, 32%, 88%
XYZ	60.7654, 66.3677, 39.3133
YIQ	210.2210, 26.4580, -16.9500

Conversions

Conversions Part 2

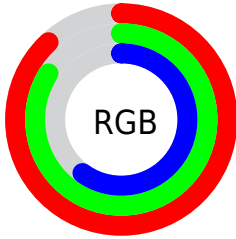
Format	Color
RYB	165, 225, 152
Decimal	14800536
CIELab	85.18, -5.40, 32.04
CIElCh	85, 32.492, 99.571
Yxy	66.3677, 0.3651, 0.3987
Android (android.graphics.Color)	4292990616 (0xFFE1D698)
YUV	210.2210, -28.7030, 12.9612
Hunter-Lab	81.4664, -9.4238, 28.4148

Details

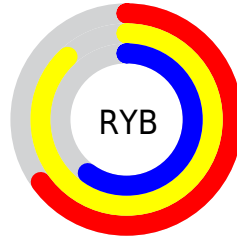
The XYZ color **60.7654, 66.3677, 39.3133** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.6364, 38.3049, 76.5388**, and the grayscale version is **61.5757, 64.7824, 70.5481**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **31.0606, 34.1514, 17.0114** is the 20% darker color. If you saturate the color by 10%, you get **58.2465, 64.0044, 30.2284**, and if you desaturate by 10%, it is **63.6551, 68.9125, 50.2479**.

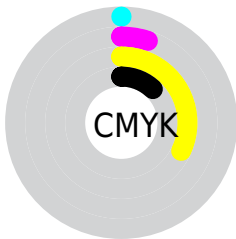
Distribution



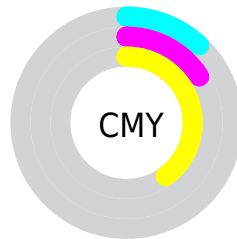
- Red (88%)
- Green (84%)
- Blue (60%)



- Red (65%)
- Yellow (88%)
- Blue (60%)



- Cyan (0%)
- Magenta (5%)
- Yellow (32%)
- Black (12%)



- Cyan (12%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7654, 66.3677, 39.3133 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 60.7654, 66.3677, 39.3133 by changing the saturation by 10% instead.

60.7654, 66.3677,
39.3133

60.7654, 66.3677,
39.3133

417.2030,
447.6908, 358.6863

44.2877, 48.5710,
26.6938

105.0392,
114.0139, 75.3423

31.0956, 34.2793,
17.1130

133.5660,
144.6322, 99.5889

20.8239, 23.1082,
10.1523

166.8399,
180.2931, 128.5483

13.1070, 14.6734,
5.3931

205.2262,
221.3810, 162.6391

7.5798, 8.5905,
2.4170

249.0904,
268.2803, 202.2797

3.8768, 4.4751,
0.7957

298.7976,

1.6327, 1.9427,

321.3755, 247.8888

0.0000

354.7134,
381.0508, 299.8848

■ 0.4136, 0.5739,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7654, 66.3677,
39.3133

■ 60.7654, 66.3677,
39.3133

■ 58.2465, 64.0044,
30.2284

■ 63.6551, 68.9125,
50.2479

■ 56.0735, 61.8055,
22.8847

■ 66.9289, 71.6374,
63.1244

■ 54.2261, 59.7651,
17.1687

■ 70.6057, 74.5524,
78.0336

■ 52.6798, 57.8731,
12.9518

■ 74.7014, 77.6640,
95.0595

■ 51.4063, 56.1181,
10.0858

■ 77.6632, 80.3512,
106.0238

■ 50.3717, 54.4864,
8.3924

■ 78.6206, 82.2660,
106.3429

■ 49.7068, 53.3183,
7.6716

■ 79.5965, 84.2178,
106.6682

■ 80.5910, 86.2067,
106.9997

■ 81.6041, 88.2330,
107.3374

Harmonies

Analogous

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



68.1306, 66.3677, 40.6460



60.7654, 66.3677, 39.3133



54.5190, 66.3677, 45.3940

Triad

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



60.7654, 66.3677, 39.3133



52.8252, 66.3677, 101.1563



77.2358, 66.3677, 87.2926

Complementary

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



60.7654, 66.3677, 39.3133



39.6364, 38.3049, 76.5388

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.



72.4944, 66.3677, 108.0689



60.7654, 66.3677, 39.3133



58.2864, 66.3677, 117.0878

Square

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



60.7654, 66.3677, 39.3133



50.1748, 66.3677, 79.1863



65.4537, 66.3677, 119.8371



78.0288, 66.3677, 65.7558

Rectangle

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



60.7654, 66.3677, 39.3133



51.6884, 66.3677, 53.6819



65.4537, 66.3677, 119.8371



76.0344, 66.3677, 94.7024

Sweetspot

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



60.7671, 66.3707, 39.3147



89.9998, 96.0391, 88.2892



48.9960, 41.1511, 40.5623



19.1212, 20.4416, 18.3255



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.



60.7671, 66.3707, 39.3147



78.3692, 85.9781, 43.7180



56.5910, 68.4890, 39.9437



14.6867, 15.6593, 14.5553



28.7120, 30.8619, 4.4437



2.0385, 2.2358, 0.3241

Inverse Universe

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



39.6364, 38.3049, 76.5388



46.1473, 43.1910, 100.5122



42.7995, 37.1625, 76.1516



13.1178, 13.5748, 17.3165



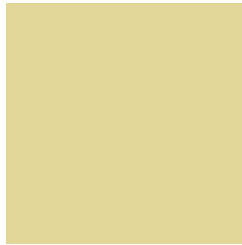
8.2121, 3.8937, 41.3671



0.6220, 0.3755, 2.8849

Previews

White Background



This preview shows how the XYZ color 60.7654, 66.3677, 39.3133 looks on a white background.

Color Contrast Check

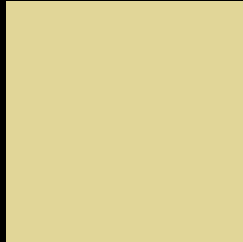
Large Text (above 18pt) WCAG AA × Fail

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 60.7654, 66.3677, 39.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

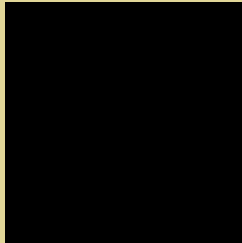
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

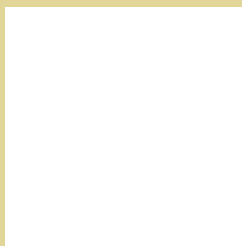
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7654, 66.3677, 39.3133

Background



This preview shows how black text looks on a background with the XYZ color 60.7654, 66.3677, 39.3133.



This preview shows how white text looks on a background with the XYZ color 60.7654, 66.3677,

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

60.7654, 66.3677, 39.3133

Protanopia

61.6933, 66.4809, 38.8587

Deuteranopia

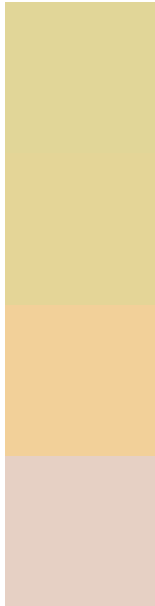
67.5705, 66.2143, 39.7911



Tritanopia

68.4867, 66.2067, 77.5762

Trichromacy



Original Color

60.7654, 66.3677, 39.3133

Protanomaly

61.3751, 66.3168, 38.8438

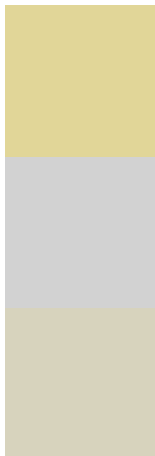
Deuteranomaly

64.9236, 66.2889, 39.5102

Tritanomaly

65.1528, 65.9203, 61.5145

Monochromacy



Original Color

60.7654, 66.3677, 39.3133

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.5039, 64.7097, 57.4454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7654, 66.3677, 39.3133 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(225, 214, 152)` looks like.

```
.text, #text, p{  
    color:rgb(225, 214, 152)  
}
```

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(225, 214, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 214, 152) }
```

Border

The CSS property to change the border of an element to XYZ 60.7654, 66.3677, 39.3133 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(225, 214, 152) }
```


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

```
.border{ border-color:rgb(225, 214, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 214, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 214, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 214, 152);  
box-shadow:4px 4px 4px 4px rgb(225, 214,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7654, 66.3677, 39.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 214, 152) }
```

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

```
.background{ background-color: rgb(225,  
214, 152) }
```

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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