

Converting Colors

XYZ(60.3031, 67.7323, 35.9654)

Have a look what the booklet for
XYZ(60.3031, 67.7323, 35.9654)
contains.

XYZ(60.1535, 67.6556, 35.8750)	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(60.1535, 67.6556,
35.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDA8F
RGB	222, 218, 143
RGB Percent	87%, 85%, 56%
CMY	0.1294, 0.1451, 0.4392
CMYK	0.00, 0.02, 0.36, 0.13
HSL	57°, 54%, 72%
HSV	57°, 36%, 87%
XYZ	60.1535, 67.6556, 35.8750
YIQ	210.6460, 26.4590, -22.4770

Conversions

Conversions Part 2

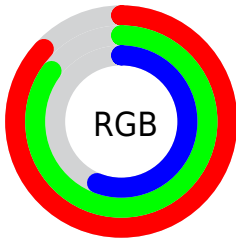
Format	Color
RYB	147, 222, 143
Decimal	14604943
CIELab	85.83, -9.66, 37.44
CIELCh	86, 38.665, 104.462
Yxy	67.6556, 0.3675, 0.4133
Android (android.graphics.Color)	4292795023 (0xFFDEDA8F)
YUV	210.6460, -33.3495, 9.9575
Hunter-Lab	82.2530, -13.4017, 31.7175

Details

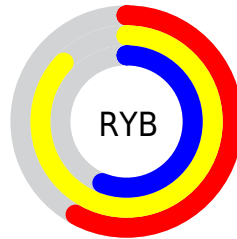
The XYZ color **60.1535, 67.6556, 35.8750** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.9460, 31.9800, 73.4380**, and the grayscale version is **61.8855, 65.1084, 70.9030**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **30.7114, 35.0567, 15.0455** is the 20% darker color. If you saturate the color by 10%, you get **58.3461, 66.4709, 27.7806**, and if you desaturate by 10%, it is **62.2991, 68.9836, 45.7255**.

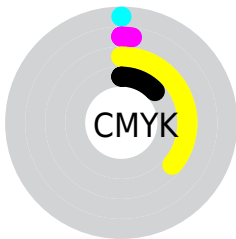
Distribution



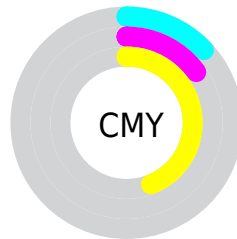
- Red (87%)
- Green (85%)
- Blue (56%)



- Red (58%)
- Yellow (87%)
- Blue (56%)



- Cyan (0%)
- Magenta (2%)
- Yellow (36%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1535, 67.6556, 35.8750 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 60.1535, 67.6556, 35.8750 by changing the saturation by 10% instead.

60.1535, 67.6556,
35.8750

60.1535, 67.6556,
35.8750

414.9890,
452.2748, 343.4347

43.7923, 49.6176,
24.0487

104.1574,
115.8593, 70.0060

30.7045, 35.1097,
15.1572

132.5308,
146.7938, 93.1477

20.5246, 23.7474,
8.7820

165.6390,
182.7960, 120.8984

12.8874, 15.1463,
4.5044

203.8473,
224.2501, 153.6766

7.4276, 8.9221,
1.9059

247.5211,
271.5407, 191.9008

3.7796, 4.6904,
0.4965

297.0257,

1.5782, 2.0668,

325.0521, 235.9895

0.0000

352.7266,
385.1686, 286.3613

■ 0.3781, 0.6459,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1535, 67.6556,
35.8750

■ 60.1535, 67.6556,
35.8750

■ 58.3461, 66.4709,
27.7806

■ 62.2991, 68.9836,
45.7255

■ 56.8520, 65.4122,
21.3343

■ 64.7960, 70.4528,
57.4234

■ 55.6512, 64.4741,
16.4226

■ 67.6626, 72.0730,
71.0585

■ 54.7191, 63.6465,
12.9160

■ 70.9146, 73.8507,
86.7137

■ 54.0270, 62.9180,
10.6635

■ 74.5670, 75.7916,
104.4669

■ 53.5397, 62.2746,
9.4799

■ 75.0292, 76.4596,
105.4115

■ 53.3628, 62.0069,
9.1560

■ 75.3332, 77.0676,
105.5128

■ 75.6391, 77.6795,
105.6148

■ 75.9471, 78.2955,
105.7174

Harmonies

Analogous

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



68.9650, 67.6556, 36.0217



60.1535, 67.6556, 35.8750



53.1213, 67.6556, 44.1042

Triad

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



60.1535, 67.6556, 35.8750



52.9228, 67.6556, 113.2819



82.1055, 67.6556, 87.4866

Complementary

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



60.1535, 67.6556, 35.8750



34.9460, 31.9800, 73.4380

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.



76.9567, 67.6556, 114.1454



60.1535, 67.6556, 35.8750



59.8591, 67.6556, 131.2058

Square

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



60.1535, 67.6556, 35.8750



49.2135, 67.6556, 86.5000



68.6424, 67.6556, 131.5537



82.2028, 67.6556, 62.1677

Rectangle

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



60.1535, 67.6556, 35.8750



50.1581, 67.6556, 54.6133



68.6424, 67.6556, 131.5537



80.8885, 67.6556, 96.7014

Sweetspot

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



60.1552, 67.6587, 35.8764



90.4075, 97.4218, 86.6762



45.3136, 37.3218, 32.9442



19.2380, 20.7881, 18.0158



0.0000, 0.0000, 0.0000



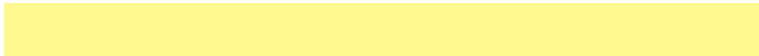
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1552, 67.6587, 35.8764



80.3948, 91.3489, 40.3246



51.7612, 64.8876, 35.7840



14.8093, 15.9045, 14.5961



31.7219, 36.8816, 5.4469



2.2173, 2.5934, 0.3837

Inverse Universe

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



34.9460, 31.9800, 73.4380



40.8383, 35.3706, 99.2825



41.1925, 34.2942, 73.5555



13.0074, 13.3539, 17.2797



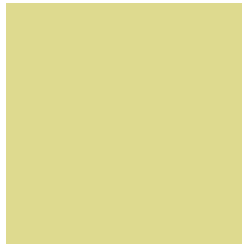
7.9281, 3.3257, 41.2724



0.5694, 0.2703, 2.8674

Previews

White Background



This preview shows how the XYZ color 60.1535, 67.6556, 35.8750 looks on a white background.

Color Contrast Check

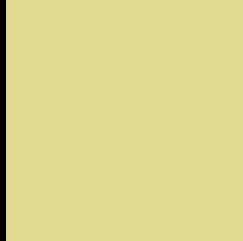
Large Text (above 18pt) WCAG AA × Fail

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 60.1535, 67.6556, 35.8750 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 60.1535, 67.6556, 35.8750

Background



This preview shows how black text looks on a background with the XYZ color 60.1535, 67.6556, 35.8750.



This preview shows how white text looks on a background with the XYZ color 60.1535, 67.6556,

35.8750.

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

60.1535, 67.6556, 35.8750

Protanopia

62.5333, 67.3698, 35.2990

Deuteranopia

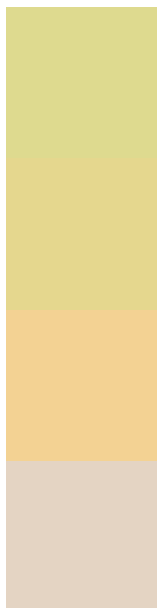
68.7361, 67.5725, 37.8538



Tritanopia

68.9654, 67.4825, 79.9116

Trichromacy



Original Color

60.1535, 67.6556, 35.8750

Protanomaly

61.4960, 67.2119, 35.3232

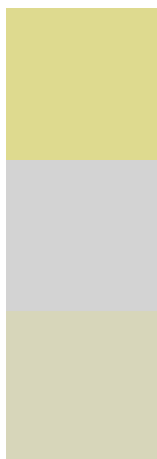
Deuteranomaly

65.2752, 67.2545, 37.1448

Tritanomaly

65.3887, 67.5211, 61.2163

Monochromacy



Original Color

60.1535, 67.6556, 35.8750

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.9338, 66.0854, 55.9986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1535, 67.6556, 35.8750 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(222, 218, 143)` looks like.

```
.text, #text, p{  
    color:rgb(222, 218, 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(222, 218, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 218, 143) }
```

Border

The CSS property to change the border of an element to XYZ 60.1535, 67.6556, 35.8750 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(222, 218, 143) }
```


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

```
.border{ border-color:rgb(222, 218, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 218, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 218, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 218, 143); box-shadow:4px 4px 4px 4px rgb(222, 218, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1535, 67.6556, 35.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 218, 143) }
```

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

```
.background{ background-color: rgb(222,  
218, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor