

Converting Colors

XYZ(60.3551, 67.3580, 36.6084)

Have a look what the booklet for
XYZ(60.3551, 67.3580, 36.6084)
contains.

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Color

**XYZ(60.3551, 67.3580,
36.6084)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD991
RGB	223, 217, 145
RGB Percent	87%, 85%, 57%
CMY	0.1255, 0.1490, 0.4314
CMYK	0.00, 0.03, 0.35, 0.13
HSL	55°, 55%, 72%
HSV	55°, 35%, 87%
XYZ	60.3551, 67.3580, 36.6084
YIQ	210.5860, 26.6880, -21.1200

Conversions

Conversions Part 2

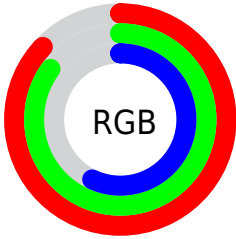
Format	Color
R _{YB}	152, 223, 145
Decimal	14670225
CIE Lab	85.68, -8.53, 36.25
CIE LCh	86, 37.238, 103.246
Yxy	67.3580, 0.3673, 0.4099
Android (android.graphics.Color)	4292860305 (0xFFDFD991)
YUV	210.5860, -32.3339, 10.8871
Hunter-Lab	82.0719, -12.3582, 31.0039

Details

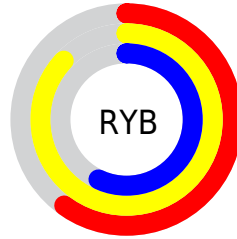
The XYZ color **60.3551, 67.3580, 36.6084** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.0628, 33.4798, 74.3736**, and the grayscale version is **61.8393, 65.0598, 70.8501**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **30.8325, 34.8465, 15.4569** is the 20% darker color. If you saturate the color by 10%, you get **58.3628, 65.8603, 28.2776**, and if you desaturate by 10%, it is **62.6929, 69.0060, 46.7211**.

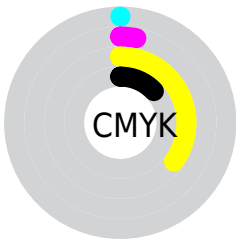
Distribution



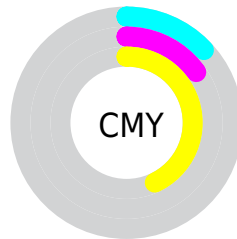
- Red (87%)
- Green (85%)
- Blue (57%)



- Red (60%)
- Yellow (87%)
- Blue (57%)



- Cyan (0%)
- Magenta (3%)
- Yellow (35%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3551, 67.3580, 36.6084 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 60.3551, 67.3580, 36.6084 by changing the saturation by 10% instead.

60.3551, 67.3580,
36.6084

60.3551, 67.3580,
36.6084

415.7192,
451.2180, 346.7295

43.9555, 49.3756,
24.6110

104.4480,
115.4332, 71.1497

30.8333, 34.9175,
15.5711

132.8720,
146.2949, 94.5307

20.6231, 23.5994,
9.0701

166.0349,
182.2184, 122.5433

12.9597, 15.0367,
4.6895

204.3019,
223.5882, 155.6060

7.4776, 8.8451,
2.0107

248.0385,
270.7887, 194.1375

3.8115, 4.6403,
0.5619

297.6101,

1.5961, 2.0378,

324.2042, 238.5562

0.0000

353.3818,
384.2192, 289.2807

■ 0.3898, 0.6293,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3551, 67.3580,
36.6084

■ 60.3551, 67.3580,
36.6084

■ 58.3628, 65.8603,
28.2776

■ 62.6929, 69.0060,
46.7211

■ 56.6912, 64.4958,
21.6199

■ 65.3894, 70.8025,
58.7074

■ 55.3198, 63.2587,
16.5214

■ 68.4631, 72.7573,
72.6579

■ 54.2242, 62.1391,
12.8522

■ 71.9301, 74.8767,
88.6559

■ 53.3756, 61.1257,
10.4612

■ 75.5623, 77.0697,
105.5011

■ 52.7388, 60.2041,
9.1637

■ 76.0295, 78.0041,
105.6569

■ 52.4696, 59.7642,
8.7702

■ 76.5014, 78.9479,
105.8142

■ 76.9780, 79.9010,
105.9730

■ 77.4592, 80.8636,
106.1334

Harmonies

Analogous

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



68.8417, 67.3580, 37.0763



60.3551, 67.3580, 36.6084



53.4800, 67.3580, 44.2952

Triad

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



60.3551, 67.3580, 36.6084



52.8559, 67.3580, 110.2453



80.9526, 67.3580, 87.6545

Complementary

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



60.3551, 67.3580, 36.6084



36.0628, 33.4798, 74.3736

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.



75.8651, 67.3580, 112.9211



60.3551, 67.3580, 36.6084



59.4322, 67.3580, 127.8092

Square

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



60.3551, 67.3580, 36.6084



49.4154, 67.3580, 84.5791



67.8340, 67.3580, 128.8844



81.2553, 67.3580, 63.1460

Rectangle

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



60.3551, 67.3580, 36.6084



50.5282, 67.3580, 54.2514



67.8340, 67.3580, 128.8844



79.7262, 67.3580, 96.4544

Sweetspot

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



60.3568, 67.3611, 36.6098



90.5908, 97.2211, 88.4862



46.1840, 38.1902, 34.4297



19.2652, 20.7296, 18.3735



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.



60.3568, 67.3611, 36.6098



79.7676, 89.7754, 41.0997



52.8592, 65.8315, 36.7097



14.7769, 15.8398, 14.5853



30.8890, 35.2160, 5.1693



2.1682, 2.4953, 0.3674

Inverse Universe

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



36.0628, 33.4798, 74.3736



42.1551, 37.3274, 99.5908



41.6909, 34.9853, 74.3676



13.0363, 13.4116, 17.2893



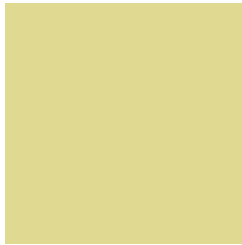
7.9822, 3.4340, 41.2905



0.5833, 0.2980, 2.8720

Previews

White Background



This preview shows how the XYZ color 60.3551, 67.3580, 36.6084 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 60.3551, 67.3580, 36.6084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

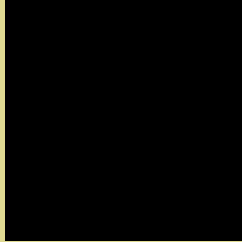
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3551, 67.3580, 36.6084

Background



This preview shows how black text looks on a background with the XYZ color 60.3551, 67.3580, 36.6084.



This preview shows how white text looks on a background with the XYZ color 60.3551, 67.3580,

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

60.3551, 67.3580, 36.6084

Protanopia

62.3593, 67.2626, 36.0818

Deuteranopia

68.4961, 67.0926, 37.7738



Tritanopia

68.9108, 67.1092, 79.1334

Trichromacy



Original Color

60.3551, 67.3580, 36.6084

Protanomaly

61.6476, 67.2725, 36.1213

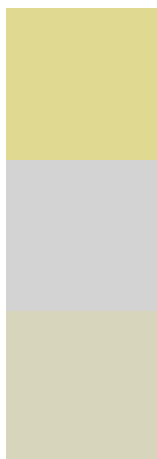
Deuteranomaly

65.1079, 66.7937, 37.4779

Tritanomaly

65.4577, 67.1867, 61.1481

Monochromacy



Original Color

60.3551, 67.3580, 36.6084

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.7882, 65.6234, 56.4764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3551, 67.3580, 36.6084 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(223, 217, 145)` looks like.

```
.text, #text, p{  
    color:rgb(223, 217, 145)  
}
```

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(223, 217, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 217, 145) }
```

Border

The CSS property to change the border of an element to XYZ 60.3551, 67.3580, 36.6084 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(223, 217, 145) }
```


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

```
.border{ border-color:rgb(223, 217, 145) }
```

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

Here you see how a box with a 4 pixel rgb(223, 217, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 217, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 217, 145);  
box-shadow:4px 4px 4px 4px rgb(223, 217,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3551, 67.3580, 36.6084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 217, 145) }
```

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

```
.background{ background-color: rgb(223,  
217, 145) }
```

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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