

Converting Colors

XYZ(61.8749, 69.3611, 36.0861)

Have a look what the booklet for
XYZ(61.8749, 69.3611, 36.0861)
contains.

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Color

**XYZ(61.9152, 69.3383,
36.1070)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DC8F
RGB	226, 220, 143
RGB Percent	89%, 86%, 56%
CMY	0.1137, 0.1372, 0.4392
CMYK	0.00, 0.03, 0.37, 0.11
HSL	56°, 59%, 72%
HSV	56°, 37%, 89%
XYZ	61.9152, 69.3383, 36.1070
YIQ	213.0160, 28.2930, -22.6750

Conversions

Conversions Part 2

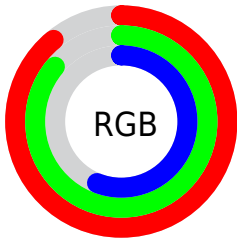
Format	Color
R_{YB}	149, 226, 143
Decimal	14867599
CIE _{Lab}	86.67, -9.11, 38.59
CIE _{LCh}	87, 39.648, 103.291
Yxy	69.3383, 0.3700, 0.4143
Android (android.graphics.Color)	4293057679 (0xFFE2DC8F)
YUV	213.0160, -34.5179, 11.3870
Hunter-Lab	83.2696, -12.9980, 32.5797

Details

The XYZ color **61.9152, 69.3383, 36.1070** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **35.8026, 32.8248, 76.4005**, and the grayscale version is **63.4684, 66.7737, 72.7166**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **31.7056, 36.1006, 15.1946** is the 20% darker color. If you saturate the color by 10%, you get **59.9471, 67.8714, 27.8386**, and if you desaturate by 10%, it is **64.2358, 70.9579, 46.1961**.

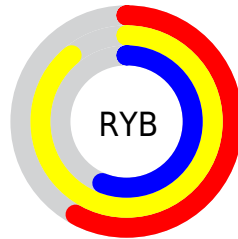
Distribution



Red (89%)

Green (86%)

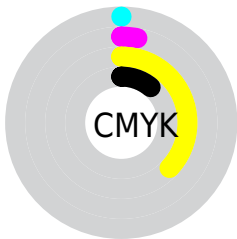
Blue (56%)



Red (58%)

Yellow (89%)

Blue (56%)

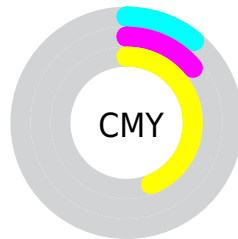


Cyan (0%)

Magenta (3%)

Yellow (37%)

Black (11%)



Cyan (11%)

Magenta (14%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9152, 69.3383, 36.1070 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 61.9152, 69.3383, 36.1070 by changing the saturation by 10% instead.

61.9152, 69.3383,
36.1070

61.9152, 69.3383,
36.1070

421.3442,
458.2232, 344.4795

45.2195, 50.9873,
24.2265

106.6936,
118.2646, 70.3681

31.8324, 36.1985,
15.2880

135.5070,
149.6087, 93.5858

21.3884, 24.5875,
8.8729

169.0904,
186.0527, 121.4196

13.5223, 15.7700,
4.5627

207.8091,
227.9808, 154.2880

7.8686, 9.3616,
1.9388

252.0285,
275.7775, 192.6097

4.0621, 4.9778,
0.5173

302.1139,

1.7373, 2.2342,

329.8272, 236.8032

0.0000

358.4307,
390.5143, 287.2869

■ 0.4795, 0.7386,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9152, 69.3383,
36.1070

■ 61.9152, 69.3383,
36.1070

■ 59.9471, 67.8714,
27.8386

■ 64.2358, 70.9579,
46.1961

■ 58.3056, 66.5393,
21.2768

■ 66.9230, 72.7283,
58.2022

■ 56.9692, 65.3360,
16.3015

■ 69.9961, 74.6598,
72.2199

■ 55.9119, 64.2509,
12.7752

■ 73.4717, 76.7591,
88.3362

■ 55.1031, 63.2718,
10.5369

■ 77.2035, 78.9676,
105.7809

■ 54.5037, 62.3830,
9.3810

■ 77.6551, 79.8708,
105.9315

■ 54.3312, 62.1029,
9.1235

■ 78.1110, 80.7825,
106.0834

■ 78.5711, 81.7028,
106.2368

■ 79.0355, 82.6316,
106.3916

Harmonies

Analogous

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



71.1291, 69.3383, 36.5882



61.9152, 69.3383, 36.1070



54.4890, 69.3383, 44.2654

Triad

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



61.9152, 69.3383, 36.1070



53.8334, 69.3383, 115.8982



84.3665, 69.3383, 91.0425

Complementary

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



61.9152, 69.3383, 36.1070



35.8026, 32.8248, 76.4005

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.



78.8113, 69.3383, 118.7695



61.9152, 69.3383, 36.1070



60.9412, 69.3383, 135.2527

Square

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



61.9152, 69.3383, 36.1070



50.1247, 69.3383, 87.7705



70.0605, 69.3383, 136.4114



84.6894, 69.3383, 64.4257

Rectangle

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



61.9152, 69.3383, 36.1070



51.3135, 69.3383, 54.9150



70.0605, 69.3383, 136.4114



83.0272, 69.3383, 100.6709

Sweetspot

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



61.9169, 69.3415, 36.1084



90.2153, 97.0375, 86.6121



46.6854, 38.0138, 33.6968



19.1918, 20.6959, 18.0005



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.



61.9169, 69.3415, 36.1084



79.4119, 89.6953, 39.0347



53.7456, 67.5067, 36.1850



14.7826, 15.8512, 14.5872



31.0334, 35.5047, 5.2175



2.1768, 2.5124, 0.3702

Inverse Universe

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



35.8026, 32.8248, 76.4005



40.3942, 35.1440, 99.2622



41.8153, 34.5526, 76.4171



13.0312, 13.4014, 17.2876



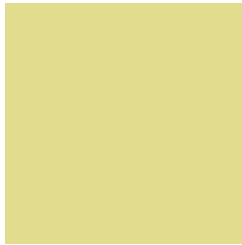
7.9717, 3.4130, 41.2870



0.5808, 0.2931, 2.8712

Previews

White Background



This preview shows how the XYZ color 61.9152, 69.3383, 36.1070 looks on a white background.

Color Contrast Check

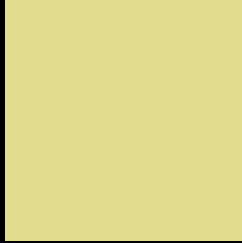
Large Text (above 18pt) WCAG AA × Fail

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 61.9152, 69.3383, 36.1070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

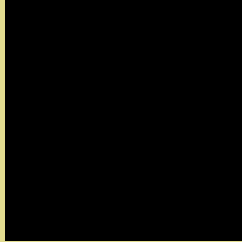
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9152, 69.3383, 36.1070

Background



This preview shows how black text looks on a background with the XYZ color 61.9152, 69.3383, 36.1070.



This preview shows how white text looks on a background with the XYZ color 61.9152, 69.3383,

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

61.9152, 69.3383, 36.1070

Protanopia

64.2874, 69.4116, 35.6006

Deuteranopia

70.1263, 69.2952, 41.5776



Tritanopia

71.3661, 69.4170, 81.5889

Trichromacy



Original Color

61.9152, 69.3383, 36.1070

Protanomaly

63.2326, 69.2516, 35.6254

Deuteranomaly

66.7700, 69.0886, 39.5220

Tritanomaly

67.2891, 69.2345, 62.0416

Monochromacy



Original Color

61.9152, 69.3383, 36.1070

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.5464, 67.6480, 57.3378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9152, 69.3383, 36.1070 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(226, 220, 143)` looks like.

```
.text, #text, p{  
    color:rgb(226, 220, 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(226, 220, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 220, 143) }
```

Border

The CSS property to change the border of an element to XYZ 61.9152, 69.3383, 36.1070 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(226, 220, 143) }
```


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

```
.border{ border-color:rgb(226, 220, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 220, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 220, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 220, 143); box-shadow:4px 4px 4px 4px rgb(226, 220, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9152, 69.3383, 36.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 220, 143) }
```

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

```
.background{ background-color: rgb(226,  
220, 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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