

Converting Colors

XYZ(60.8898, 68.1430, 40.7766)

Have a look what the booklet for
XYZ(60.8898, 68.1430, 40.7766)
contains.

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Color

**XYZ(61.0667, 68.4017,
40.9946)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDB9B
RGB	221, 219, 155
RGB Percent	87%, 86%, 61%
CMY	0.1333, 0.1412, 0.3921
CMYK	0.00, 0.01, 0.30, 0.13
HSL	58°, 49%, 74%
HSV	58°, 30%, 87%
XYZ	61.0667, 68.4017, 40.9946
YIQ	212.3020, 21.7360, -19.4800

Conversions

Conversions Part 2

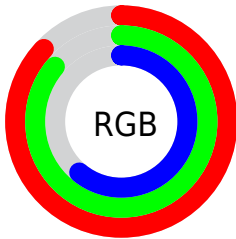
Format	Color
RYB	157, 221, 155
Decimal	14539675
CIELab	86.21, -9.10, 31.80
CIELCh	86, 33.079, 105.972
Yxy	68.4017, 0.3582, 0.4013
Android (android.graphics.Color)	4292729755 (0xFFDDDB9B)
YUV	212.3020, -28.2499, 7.6281
Hunter-Lab	82.7053, -12.9362, 28.5054

Details

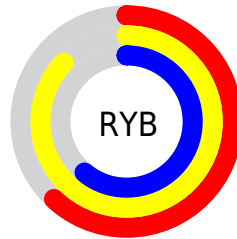
The XYZ color **61.0667, 68.4017, 40.9946** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.6256, 36.3021, 73.3781**, and the grayscale version is **62.9537, 66.2322, 72.1269**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **31.2407, 35.5295, 18.0433** is the 20% darker color. If you saturate the color by 10%, you get **59.2048, 67.3811, 32.0402**, and if you desaturate by 10%, it is **63.2725, 69.5658, 51.7411**.

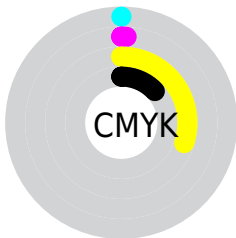
Distribution



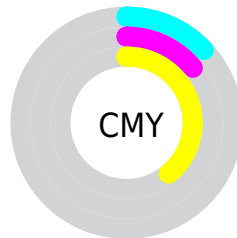
- Red (87%)
- Green (86%)
- Blue (61%)



- Red (62%)
- Yellow (87%)
- Blue (61%)



- Cyan (0%)
- Magenta (1%)
- Yellow (30%)
- Black (13%)




- Cyan (13%)
- Magenta (14%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0667, 68.4017, 40.9946 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 61.0667, 68.4017, 40.9946 by changing the saturation by 10% instead.

 61.0667, 68.4017,
40.9946


 61.0667, 68.4017,
40.9946


418.2905,
454.9179, 365.9740

 44.5317, 50.2246,
27.9952


 105.4731,
116.9266, 77.9293

 31.2885, 35.5919,
18.0830


 134.0752,
148.0432, 102.7016

 20.9715, 24.1192,
10.8396


167.4304,
184.2418, 132.2354

 13.2155, 15.4220,
5.8462

205.9041,
225.9067, 166.9491

 7.6551, 9.1161,
2.6845

249.8616,
273.4224, 207.2612

 3.9250, 4.8170,
0.9356

299.6683,

 1.6598, 2.1403,

327.1733, 253.5904

0.0000

355.6895,
387.5436, 306.3552

■ 0.4309, 0.6871,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0667, 68.4017,
40.9946

■ 61.0667, 68.4017,
40.9946

■ 59.2048, 67.3811,
32.0402

■ 63.2725, 69.5658,
51.7411

■ 57.6631, 66.4872,
24.7760

■ 65.8341, 70.8710,
64.3656

■ 56.4229, 65.7151,
19.0962

■ 68.7693, 72.3267,
78.9538

■ 55.4616, 65.0556,
14.8816

■ 72.0930, 73.9389,
95.5847

■ 54.7533, 64.4985,
11.9963

■ 74.0820, 75.0184,
105.1832

■ 54.2675, 64.0315,
10.2786

■ 74.2601, 75.3747,
105.2426

■ 53.9507, 63.6332,
9.4476

■ 74.4390, 75.7323,
105.3022

■ 53.9467, 63.6279,
9.4381

■ 74.6185, 76.0914,
105.3620

■ 74.7987, 76.4519,
105.4221

Harmonies

Analogous

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



68.6286, 68.4017, 40.7477



61.0667, 68.4017, 40.9946



55.0424, 68.4017, 48.9657

Triad

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



61.0667, 68.4017, 40.9946



55.3574, 68.4017, 108.8868



80.2819, 68.4017, 85.1139

Complementary

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



61.0667, 68.4017, 40.9946



38.6256, 36.3021, 73.3781

Split Complementary

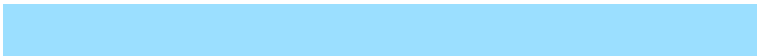
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1220, 68.4017, 107.5959



61.0667, 68.4017, 40.9946



61.5282, 68.4017, 123.0286

Square

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



61.0667, 68.4017, 40.9946



51.9263, 68.4017, 86.6251



69.1273, 68.4017, 122.5147



80.1340, 68.4017, 63.5228

Rectangle

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



61.0667, 68.4017, 40.9946



52.5344, 68.4017, 58.6720



69.1273, 68.4017, 122.5147



79.3277, 68.4017, 92.8942

Sweetspot

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



61.0684, 68.4048, 40.9960



91.3517, 98.1673, 90.5146



47.6436, 41.2568, 37.4410



19.4337, 20.9519, 18.7832



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.



61.0684, 68.4048, 40.9960



82.7500, 93.6740, 48.4639



53.0586, 65.0528, 40.7712



14.1267, 15.1928, 13.9135



31.3542, 36.9940, 5.4880



2.0421, 2.4183, 0.3592

Inverse Universe

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



38.6256, 36.3021, 73.3781



46.8268, 42.2908, 100.3026



44.9743, 39.0781, 73.5793



12.3701, 12.6799, 16.4476



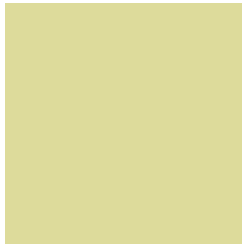
7.6385, 3.1464, 39.9431



0.5062, 0.2266, 2.5915

Previews

White Background



This preview shows how the XYZ color 61.0667, 68.4017, 40.9946 looks on a white background.

Color Contrast Check

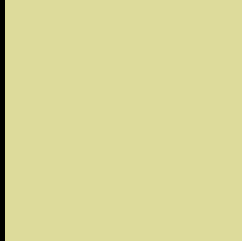
Large Text (above 18pt) WCAG AA × Fail

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 61.0667, 68.4017, 40.9946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

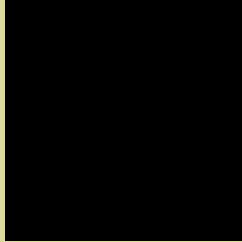
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0667, 68.4017, 40.9946

Background



This preview shows how black text looks on a background with the XYZ color 61.0667, 68.4017, 40.9946.



This preview shows how white text looks on a background with the XYZ color 61.0667, 68.4017,

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

61.0667, 68.4017, 40.9946

Protanopia

63.3289, 68.0566, 39.9354

Deuteranopia

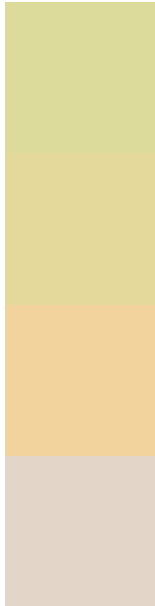
69.7244, 68.3543, 41.8666



Tritanopia

69.4072, 68.4072, 81.4973

Trichromacy



Original Color

61.0667, 68.4017, 40.9946

Protanomaly

62.3835, 67.9388, 40.3974

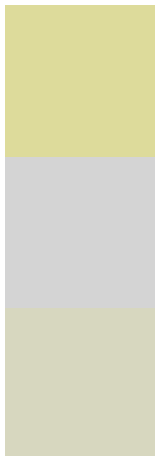
Deuteranomaly

66.3422, 68.0775, 41.5420

Tritanomaly

65.8981, 68.0895, 64.3130

Monochromacy



Original Color

61.0667, 68.4017, 40.9946

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.7287, 66.8095, 58.9323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0667, 68.4017, 40.9946 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(221, 219, 155)` looks like.

```
.text, #text, p{  
    color:rgb(221, 219, 155)  
}
```

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(221, 219, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 219, 155) }
```

Border

The CSS property to change the border of an element to XYZ 61.0667, 68.4017, 40.9946 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(221, 219, 155) }
```


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

```
.border{ border-color:rgb(221, 219, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 219, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 219, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 219, 155); box-shadow:4px 4px 4px 4px rgb(221, 219, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0667, 68.4017, 40.9946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 219, 155) }
```

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

```
.background{ background-color: rgb(221,  
219, 155) }
```

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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