

Converting Colors

XYZ(60.6852, 67.6244, 53.2052)

Have a look what the booklet for
XYZ(60.6852, 67.6244, 53.2052)
contains.

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Color

**XYZ(60.4610, 67.4351,
53.0097)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DAB4
RGB	212, 218, 180
RGB Percent	83%, 85%, 71%
CMY	0.1686, 0.1451, 0.2941
CMYK	0.03, 0.00, 0.17, 0.15
HSL	69°, 34%, 78%
HSV	69°, 17%, 85%
XYZ	60.4610, 67.4351, 53.0097
YIQ	211.8740, 8.6220, -13.0900

Conversions

Conversions Part 2

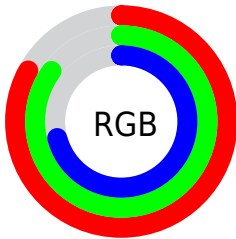
Format	Color
RYB	180, 218, 186
Decimal	13949620
CIELab	85.72, -8.45, 18.05
CIELCh	86, 19.928, 115.084
Yxy	67.4351, 0.3342, 0.3728
Android (android.graphics.Color)	4292139700 (0xFFD4DAB4)
YUV	211.8740, -15.7139, 0.1105
Hunter-Lab	82.1189, -12.2853, 19.2101

Details

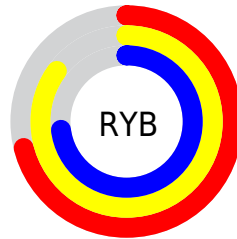
The XYZ color **60.4610, 67.4351, 53.0097** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.2285, 48.1454, 73.0316**, and the grayscale version is **62.5942, 65.8539, 71.7149**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **30.8326, 34.8948, 25.1890** is the 20% darker color. If you saturate the color by 10%, you get **57.4308, 66.1118, 42.1726**, and if you desaturate by 10%, it is **63.8653, 68.9150, 65.6904**.

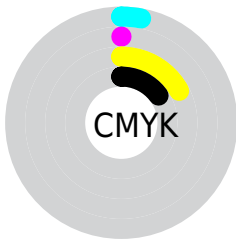
Distribution



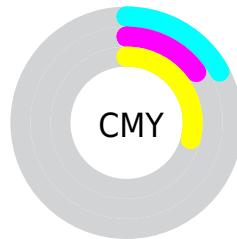
- Red (83%)
- Green (85%)
- Blue (71%)



- Red (71%)
- Yellow (85%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)





- Cyan (17%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4610, 67.4351, 53.0097 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 60.4610, 67.4351, 53.0097 by changing the saturation by 10% instead.


 60.4610, 67.4351,
53.0097

 60.4610, 67.4351,
53.0097

416.1025,
451.4919, 415.3897

 44.0412, 49.4383,
37.4227


 104.6007,
115.5436, 96.0603

 30.9010, 34.9673,
25.2366

133.0512,
146.4242, 124.3611

 20.6749, 23.6377,
16.0328


166.2428,
182.3681, 157.7368

 12.9977, 15.0651,
9.3928

204.5406,
223.7598, 196.6062

 7.5039, 8.8651,
4.8979

248.3102,
270.9836, 241.3875

 3.8283, 4.6533,
2.1298

297.9168,

 1.6055, 2.0453,

324.4240, 292.4996

0.6334

353.7258,
384.4653, 350.3608

■ 0.3960, 0.6336,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4610, 67.4351,
53.0097

■ 60.4610, 67.4351,
53.0097

■ 57.4308, 66.1118,
42.1726

■ 63.8653, 68.9150,
65.6904

■ 54.7530, 64.9296,
33.0891

■ 67.6537, 70.5488,
80.2906

■ 52.4116, 63.8844,
25.6679

■ 71.8425, 72.3452,
96.8870

■ 50.3872, 62.9684,
19.8079

■ 74.4174, 73.4985,
104.8722

■ 48.6586, 62.1731,
15.3971

■ 75.5071, 74.0603,
104.9231

■ 47.2014, 61.4887,
12.3085

■ 76.6186, 74.6332,
104.9752

■ 45.9871, 60.9039,
10.3931

■ 77.7520, 75.2176,
105.0282

■ 44.9775, 60.4032,
9.4492

■ 78.9075, 75.8132,
105.0823

■ 44.7349, 60.2817,
9.2778

■ 80.0852, 76.4203,
105.1374

Harmonies

Analogous

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



64.8469, 67.4351, 51.2050



60.4610, 67.4351, 53.0097



57.1926, 67.4351, 60.0108

Triad

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



60.4610, 67.4351, 53.0097



59.2218, 67.4351, 95.9203



73.2025, 67.4351, 75.5913

Complementary

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



60.4610, 67.4351, 53.0097



49.2285, 48.1454, 73.0316

Split Complementary

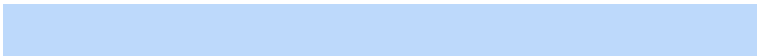
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.5316, 67.4351, 88.7033



60.4610, 67.4351, 53.0097



63.3490, 67.4351, 101.2917

Square

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



60.4610, 67.4351, 53.0097



56.5012, 67.4351, 84.5554



67.8719, 67.4351, 98.5066



72.3405, 67.4351, 63.3175

Rectangle

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



60.4610, 67.4351, 53.0097



56.0156, 67.4351, 67.1693



67.8719, 67.4351, 98.5066



72.9162, 67.4351, 80.0583

Sweetspot

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



60.4628, 67.4381, 53.0111



92.3273, 98.8258, 98.4105



54.6497, 53.1941, 50.5682



19.6824, 21.1184, 20.7605



0.0000, 0.0000, 0.0000



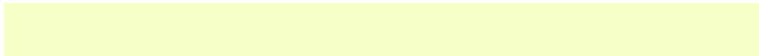
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4628, 67.4381, 53.0111



84.5511, 95.4487, 69.5034



55.3808, 64.8182, 52.7733



13.9497, 15.1543, 13.9154



26.8750, 36.1521, 5.5616



1.7965, 2.3707, 0.3629

Inverse Universe

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



49.2285, 48.1454, 73.0316



65.5947, 62.8920, 103.2899



54.0725, 50.6426, 73.2583



12.5293, 12.7155, 16.4461



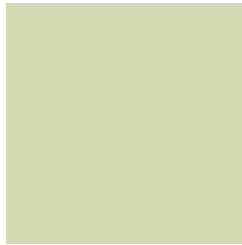
8.0442, 3.2711, 39.9458



0.5820, 0.2433, 2.5907

Previews

White Background



This preview shows how the XYZ color 60.4610, 67.4351, 53.0097 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 60.4610, 67.4351, 53.0097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

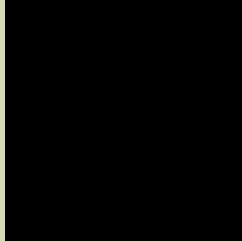
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

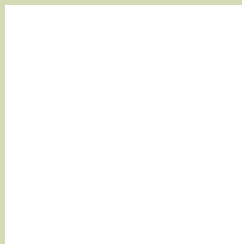
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4610, 67.4351, 53.0097

Background



This preview shows how black text looks on a background with the XYZ color 60.4610, 67.4351, 53.0097.



This preview shows how white text looks on a background with the XYZ color 60.4610, 67.4351,

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

60.4610, 67.4351, 53.0097

Protanopia

63.4465, 67.4762, 51.7997

Deuteranopia

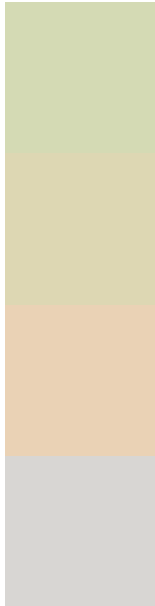
68.5208, 67.1128, 53.5986



Tritanopia

66.5113, 67.2500, 82.8738

Trichromacy



Original Color

60.4610, 67.4351, 53.0097

Protanomaly

62.2559, 67.2277, 52.3428

Deuteranomaly

65.3188, 66.9218, 53.1906

Tritanomaly

64.1233, 67.3952, 71.2569

Monochromacy



Original Color

60.4610, 67.4351, 53.0097

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.6233, 66.2603, 64.1852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4610, 67.4351, 53.0097 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(212, 218, 180)` looks like.

```
.text, #text, p{  
    color:rgb(212, 218, 180)  
}
```

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(212, 218, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 218, 180) }
```

Border

The CSS property to change the border of an element to XYZ 60.4610, 67.4351, 53.0097 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(212, 218, 180) }
```


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

```
.border{ border-color:rgb(212, 218, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 218, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 218, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 218, 180);  
box-shadow:4px 4px 4px 4px rgb(212, 218,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4610, 67.4351, 53.0097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 218, 180) }
```

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

```
.background{ background-color: rgb(212,  
218, 180) }
```

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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