

Converting Colors

XYZ(51.9849, 54.2124, 36.3668)

Have a look what the booklet for
XYZ(51.9849, 54.2124, 36.3668)
contains.

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Color

**XYZ(52.0060, 54.1653,
36.1477)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C095
RGB	214, 192, 149
RGB Percent	84%, 75%, 58%
CMY	0.1608, 0.2470, 0.4157
CMYK	0.00, 0.10, 0.30, 0.16
HSL	40°, 44%, 71%
HSV	40°, 30%, 84%
XYZ	52.0060, 54.1653, 36.1477
YIQ	193.6760, 26.9150, -8.7090

Conversions

Conversions Part 2

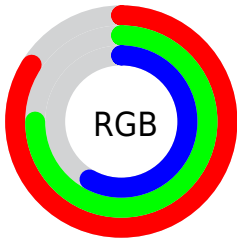
Format	Color
R _Y B	182, 214, 149
Decimal	14074005
CIE Lab	78.56, 1.38, 24.55
CIE LCh	79, 24.584, 86.789
Yxy	54.1653, 0.3654, 0.3806
Android (android.graphics.Color)	4292264085 (0xFFD6C095)
YUV	193.6760, -22.0253, 17.8241
Hunter-Lab	73.5971, -2.6612, 22.3973

Details

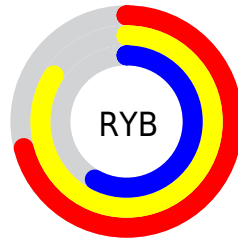
The XYZ color **52.0060, 54.1653, 36.1477** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0946, 40.3693, 69.3501**, and the grayscale version is **51.2027, 53.8692, 58.6636**.

A 20% lighter version of the original color is **85.5869, 92.7066, 69.8832**, and **25.5378, 26.6162, 15.3467** is the 20% darker color. If you saturate the color by 10%, you get **48.9013, 50.4434, 27.4441**, and if you desaturate by 10%, it is **55.5057, 58.1743, 46.5331**.

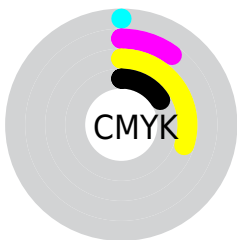
Distribution



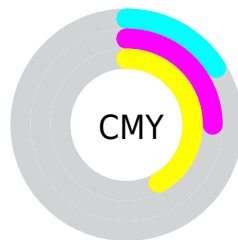
- Red (84%)
- Green (75%)
- Blue (58%)



- Red (71%)
- Yellow (84%)
- Blue (58%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0060, 54.1653, 36.1477 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 52.0060, 54.1653, 36.1477 by changing the saturation by 10% instead.


 52.0060, 54.1653,
36.1477


 52.0060, 54.1653,
36.1477


384.7833,
402.7400, 344.6626

 37.2341, 38.7338,
24.2577


 92.3143, 96.3169,
70.4316

 25.5633, 26.5527,
15.3109

 118.5814,
123.8058, 93.6625

 16.6282, 17.2376,
8.8888


149.4110,
156.0827, 121.5109

 10.0634, 10.4040,
4.5729

185.1684,
193.5319, 154.3952

 5.5036, 5.6677,
1.9446

226.2190,
236.5379, 192.7340

 2.5834, 2.6441,
0.5209

272.9281,

 0.9375, 0.9489,

285.4849, 236.9458

0.0000

325.6611,
340.7575, 287.4491

■ 0.0000, 0.0000,
0.0000

■ 52.0060, 54.1653,
36.1477

■ 52.0060, 54.1653,
36.1477

■ 48.9013, 50.4434,
27.4441

■ 55.5057, 58.1743,
46.5331

■ 46.1691, 46.9920,
20.3277

■ 59.4132, 62.4714,
58.6808

■ 43.7908, 43.8037,
14.7000


■ 63.7458, 67.0671,
72.6706


■ 41.7442, 40.8678,
10.4498


■ 68.5185, 71.9693,
88.5761


■ 40.0041, 38.1724,
7.4502


■ 73.5837, 77.1204,
105.6152


 38.5406, 35.7035,
5.5504

 75.6203, 81.1936,
106.2941

 37.3429, 33.5188,
4.5016

 77.7414, 85.4358,
107.0011

 79.9480, 89.8488,
107.7366

 81.5416, 93.0362,
108.2678

Harmonies

Analogous

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



56.7555, 54.1653, 39.3522



52.0060, 54.1653, 36.1477



47.3968, 54.1653, 38.2222

Triad

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



52.0060, 54.1653, 36.1477



43.6061, 54.1653, 71.8378



59.6768, 54.1653, 74.8303

Complementary

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



52.0060, 54.1653, 36.1477



39.0946, 40.3693, 69.3501

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.



55.7965, 54.1653, 86.1434



52.0060, 54.1653, 36.1477



46.5467, 54.1653, 84.2341

Square

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



52.0060, 54.1653, 36.1477



42.7300, 54.1653, 57.4952



50.9625, 54.1653, 89.8272



61.3553, 54.1653, 60.4837

Rectangle

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



52.0060, 54.1653, 36.1477



44.9867, 54.1653, 42.5304



50.9625, 54.1653, 89.8272



58.5753, 54.1653, 79.1953

Sweetspot

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



52.0074, 54.1678, 36.1488



89.1449, 93.7537, 89.7790



45.9019, 38.7606, 43.9668



18.8870, 19.8585, 18.6010



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.



52.0074, 54.1678, 36.1488



74.5072, 77.1883, 45.7162



54.4421, 63.1360, 37.7516



13.1025, 13.7792, 13.1298



22.6711, 20.4594, 2.7542



1.4426, 1.3844, 0.1912

Inverse Universe

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



39.0946, 40.3693, 69.3501



52.5459, 53.7290, 102.2090



37.1342, 33.6960, 68.1653



12.0826, 12.6887, 15.7499



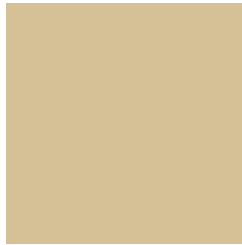
8.8401, 5.9420, 39.1341



0.6087, 0.5094, 2.3855

Previews

White Background



This preview shows how the XYZ color 52.0060, 54.1653, 36.1477 looks on a white background.

Color Contrast Check

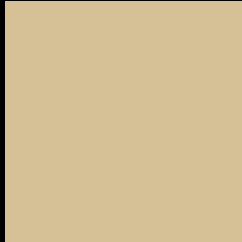
Large Text (above 18pt) WCAG AA × Fail

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 52.0060, 54.1653, 36.1477 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 52.0060, 54.1653, 36.1477

Background



This preview shows how black text looks on a background with the XYZ color 52.0060, 54.1653, 36.1477.



This preview shows how white text looks on a background with the XYZ color 52.0060, 54.1653,

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

52.0060, 54.1653, 36.1477

Protanopia

50.8092, 54.1955, 36.6370

Deuteranopia

55.2703, 54.2366, 36.4098



Tritanopia

57.2895, 54.0837, 62.0633

Trichromacy



Original Color

52.0060, 54.1653, 36.1477

Protanomaly

51.1533, 54.0436, 36.5895

Deuteranomaly

54.1340, 54.2852, 36.4791

Tritanomaly

55.2372, 54.2081, 51.2680

Monochromacy



Original Color

52.0060, 54.1653, 36.1477

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.1932, 53.7718, 49.8003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0060, 54.1653, 36.1477 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(214, 192, 149)` looks like.

```
.text, #text, p{  
    color:rgb(214, 192, 149)  
}
```

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(214, 192, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 192, 149) }
```

Border

The CSS property to change the border of an element to XYZ 52.0060, 54.1653, 36.1477 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(214, 192, 149) }
```


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

```
.border{ border-color:rgb(214, 192, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 192, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 192, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 192, 149); box-shadow:4px 4px 4px 4px rgb(214, 192, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0060, 54.1653, 36.1477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 192, 149) }
```

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

```
.background{ background-color: rgb(214,  
192, 149) }
```

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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