

Converting Colors

XYZ(53.3784, 63.0294, 17.7401)

Have a look what the booklet for
XYZ(53.3784, 63.0294, 17.7401)
contains.

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Color

**XYZ(53.3784, 63.0294,
17.7401)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D654
RGB	214, 214, 84
RGB Percent	84%, 84%, 33%
CMY	0.1608, 0.1608, 0.6706
CMYK	0.00, 0.00, 0.61, 0.16
HSL	60°, 61%, 58%
HSV	60°, 61%, 84%
XYZ	53.3784, 63.0294, 17.7401
YIQ	199.1800, 41.7300, -40.4300

Conversions

Conversions Part 2

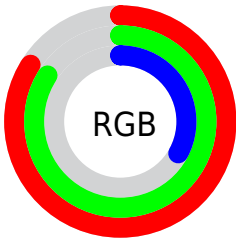
Format	Color
R_{YB}	84, 214, 84
Decimal	14079572
CIE _{Lab}	83.46, -16.18, 62.24
CIE _{LCh}	83, 64.312, 104.569
Yxy	63.0294, 0.3979, 0.4699
Android (android.graphics.Color)	4292269652 (0xFFD6D654)
YUV	199.1800, -56.7837, 12.9971
Hunter-Lab	79.3911, -18.9203, 42.3253

Details

The XYZ color **53.3784, 63.0294, 17.7401** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **18.9661, 13.0819, 65.1477**, and the grayscale version is **54.7168, 57.5664, 62.6898**.

A 20% lighter version of the original color is **81.6602, 94.6441, 38.3903**, and **26.4460, 32.2755, 5.7001** is the 20% darker color. If you saturate the color by 10%, you get **52.6653, 62.7465, 13.9803**, and if you desaturate by 10%, it is **54.3504, 63.4206, 22.8508**.

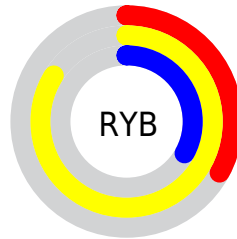
Distribution



Red (84%)

Green (84%)

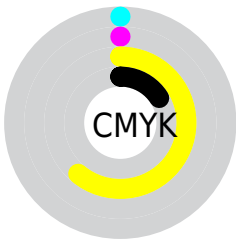
Blue (33%)



Red (33%)

Yellow (84%)

Blue (33%)

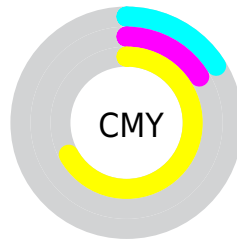


Cyan (0%)

Magenta (0%)

Yellow (61%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3784, 63.0294, 17.7401 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 53.3784, 63.0294, 17.7401 by changing the saturation by 10% instead.

■ 53.3784, 63.0294,
17.7401

■ 53.3784, 63.0294,
17.7401

389.9723,
435.6762, 251.5887

■ 38.3336, 45.8650,
10.5960

■ 94.3232, 109.2119,
40.4019

■ 26.4201, 32.1393,
5.6852

■ 120.9539,
138.9988, 56.7567

■ 17.2725, 21.4679,
2.5889

■ 152.1774,
173.7620, 77.0189

■ 10.5255, 13.4665,
0.8867

■ 188.3588,
213.8859, 101.6069

■ 5.8137, 7.7505,
0.0000

229.8637,
259.7549, 130.9394

■ 2.7717, 3.9357,
0.0000

277.0574,

■ 1.0342, 1.6377,

311.7533, 165.4348

0.0000

330.3051,
370.2656, 205.5118

0.0000, 0.3828,
0.0000

0.0000, 0.0000,
0.0000

53.3784, 63.0294,
17.7401

53.3784, 63.0294,
17.7401

52.6653, 62.7465,
13.9803

54.3504, 63.4206,
22.8508

52.1827, 62.5534,
11.4401


55.5982, 63.9197,
29.4196


51.9031, 62.4415,
9.9695


57.1420, 64.5373,
37.5477


51.7783, 62.3916,
9.3138


58.9992, 65.2802,
47.3261

 61.1857, 66.1548,
58.8386

 63.7164, 67.1672,
72.1637

 66.6053, 68.3227,
87.3747

 69.8319, 69.6134,
104.3639

 69.8322, 69.6135,
104.3639

Harmonies

Analogous

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



67.3717, 63.0294, 17.8625



53.3784, 63.0294, 17.7401



42.9090, 63.0294, 27.0078

Triad

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



53.3784, 63.0294, 17.7401



42.6796, 63.0294, 138.3279



89.8364, 63.0294, 91.2926

Complementary

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



53.3784, 63.0294, 17.7401



18.9661, 13.0819, 65.1477

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.



80.8898, 63.0294, 139.6439



53.3784, 63.0294, 17.7401



53.0161, 63.0294, 173.2115

Square

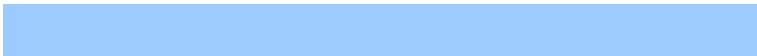
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.3784, 63.0294, 17.7401



37.4184, 63.0294, 89.9409



66.9485, 63.0294, 173.7700



89.9742, 63.0294, 50.9803

Rectangle

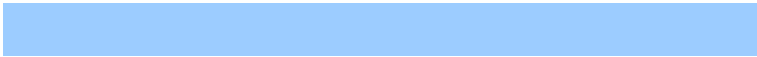
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.3784, 63.0294, 17.7401



38.7085, 63.0294, 40.5233



66.9485, 63.0294, 173.7700



87.7042, 63.0294, 107.4140

Sweetspot

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



53.3799, 63.0323, 17.7414



88.5202, 97.3880, 74.5188



32.5043, 21.2785, 10.7824



18.7547, 20.7681, 14.9377



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.



53.3799, 63.0323, 17.7414



78.0663, 93.2061, 19.4819



38.0438, 55.1263, 17.0237



13.4728, 14.5200, 13.2532



31.2947, 37.7094, 5.6292



1.8876, 2.2745, 0.3395

Inverse Universe

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



18.9661, 13.0819, 65.1477



22.6132, 12.7179, 95.8707



27.7043, 17.5867, 65.5566



11.7427, 12.0088, 15.6365



7.3365, 2.9346, 38.6329



0.4425, 0.1770, 2.3302

Previews

White Background



This preview shows how the XYZ color 53.3784, 63.0294, 17.7401 looks on a white background.

Color Contrast Check

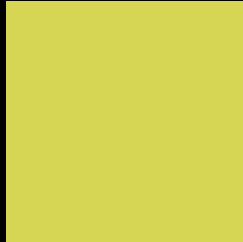
Large Text (above 18pt) WCAG AA × Fail

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 53.3784, 63.0294, 17.7401 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 53.3784, 63.0294, 17.7401

Background



This preview shows how black text looks on a background with the XYZ color 53.3784, 63.0294, 17.7401.

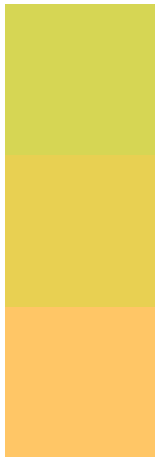


This preview shows how white text looks on a background with the XYZ color 53.3784, 63.0294,

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

53.3784, 63.0294, 17.7401

Protanopia

57.3576, 62.8768, 17.0960

Deuteranopia

63.8324, 62.6075, 21.2905



Tritanopia

64.9599, 63.0620, 73.7142

Trichromacy



Original Color

53.3784, 63.0294, 17.7401

Protanomaly

55.6593, 62.7253, 17.3572

Deuteranomaly

59.5936, 62.5372, 19.7564

Tritanomaly

59.2634, 62.4994, 45.9859

Monochromacy



Original Color

53.3784, 63.0294, 17.7401

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.5805, 58.4574, 40.4104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3784, 63.0294, 17.7401 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, 214, 84)` looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 84)  
}
```

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, 214, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 84) }
```

Border

The CSS property to change the border of an element to XYZ 53.3784, 63.0294, 17.7401 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, 214, 84) }
```


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

```
.border{ border-color:rgb(214, 214, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 214, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 84);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3784, 63.0294, 17.7401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 84) }
```

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

```
.background{ background-color: rgb(214,  
214, 84) }
```

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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