

Converting Colors

XYZ(53.4066, 67.3514, 17.0228)

Have a look what the booklet for
XYZ(53.4066, 67.3514, 17.0228)
contains.

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Color

**XYZ(53.4066, 67.3514,
17.0228)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE14C
RGB	205, 225, 76
RGB Percent	80%, 88%, 30%
CMY	0.1961, 0.1176, 0.7019
CMYK	0.09, 0.00, 0.66, 0.12
HSL	68°, 71%, 59%
HSV	68°, 66%, 88%
XYZ	53.4066, 67.3514, 17.0228
YIQ	202.0340, 35.9090, -50.5790

Conversions

Conversions Part 2

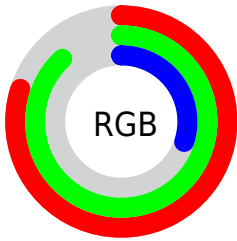
Format	Color
RYB	76, 225, 96
Decimal	13492556
CIELab	85.68, -25.69, 67.57
CIELCh	86, 72.288, 110.815
Yxy	67.3514, 0.3876, 0.4888
Android (android.graphics.Color)	4291682636 (0xFFCDE14C)
YUV	202.0340, -62.1348, 2.6012
Hunter-Lab	82.0679, -27.4580, 45.1494

Details

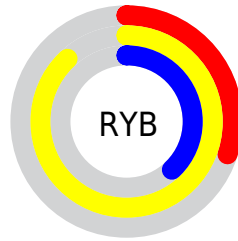
The XYZ color **53.4066, 67.3514, 17.0228** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **21.0012, 13.0935, 72.6587**, and the grayscale version is **56.5219, 59.4654, 64.7579**.

A 20% lighter version of the original color is **81.1649, 94.4459, 35.7818**, and **26.4073, 34.9525, 5.3547** is the 20% darker color. If you saturate the color by 10%, you get **51.9323, 66.6688, 13.5606**, and if you desaturate by 10%, it is **55.1736, 68.1578, 21.9287**.

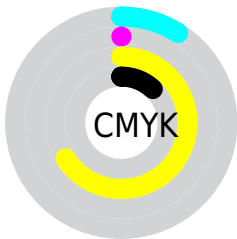
Distribution



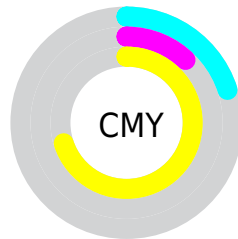
- Red (80%)
- Green (88%)
- Blue (30%)



- Red (30%)
- Yellow (88%)
- Blue (38%)



- Cyan (9%)
- Magenta (0%)
- Yellow (66%)
- Black (12%)




- Cyan (20%)
- Magenta (12%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4066, 67.3514, 17.0228 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 53.4066, 67.3514, 17.0228 by changing the saturation by 10% instead.


 53.4066, 67.3514,
17.0228


 53.4066, 67.3514,
17.0228


390.0785,
451.1946, 247.3521

 38.3562, 49.3703,
10.0886


 94.3644, 115.4238,
39.1562

 26.4378, 34.9133,
5.3514


 121.0026,
146.2838, 55.1924


 17.2858, 23.5961,
2.3925


 152.2341,
182.2056, 75.0998

 10.5350, 15.0343,
0.7824

 188.4242,
223.5735, 99.2968

 5.8201, 8.8434,
0.0000

 229.9383,
270.7720, 128.2020

 2.7756, 4.6392,
0.0000

277.1419,

 1.0362, 2.0372,

324.1854, 162.2339

0.0000

330.4002,
384.1981, 201.8111

0.0000, 0.6289,
0.0000

0.0000, 0.0000,
0.0000

53.4066, 67.3514,
17.0228

53.4066, 67.3514,
17.0228

51.9323, 66.6688,
13.5606

55.1736, 68.1578,
21.9287

50.7160, 66.0888,
11.3800

57.2543, 69.0892,
28.4091

49.7217, 65.5994,
10.2855

59.6731, 70.1577,
36.5850

49.3794, 65.4283,
10.0264

62.4506, 71.3716,
46.5645

■ 65.6058, 72.7384,
58.4467

■ 69.1561, 74.2651,
72.3233

■ 73.1179, 75.9585,
88.2804

■ 77.3437, 77.7593,
105.5403

■ 78.3171, 78.2611,
105.5859

Harmonies

Analogous

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



69.2060, 67.3514, 15.2884



53.4066, 67.3514, 17.0228



42.4688, 67.3514, 29.6534

Triad

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



53.4066, 67.3514, 17.0228



46.0154, 67.3514, 168.5151



100.6520, 67.3514, 88.7888

Complementary

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



53.4066, 67.3514, 17.0228



21.0012, 13.0935, 72.6587

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.



91.8396, 67.3514, 146.8800



53.4066, 67.3514, 17.0228



59.0912, 67.3514, 204.2842

Square

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



53.4066, 67.3514, 17.0228



38.7377, 67.3514, 110.5236



75.9437, 67.3514, 195.0096



98.4225, 67.3514, 45.5913

Rectangle

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



53.4066, 67.3514, 17.0228



38.5177, 67.3514, 47.3802



75.9437, 67.3514, 195.0096



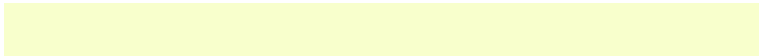
98.8335, 67.3514, 107.3673

Sweetspot

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



53.4082, 67.3545, 17.0242



85.4245, 95.8639, 71.1280



36.5290, 24.8727, 9.7140



18.0316, 20.4093, 14.2739



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.



53.4082, 67.3545, 17.0242



68.3949, 88.2682, 16.8675



37.5356, 59.1719, 16.2814



14.6813, 15.9314, 14.6081



28.5254, 37.7379, 5.7807



2.0280, 2.6420, 0.4031

Inverse Universe

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



21.0012, 13.0935, 72.6587



22.7073, 11.5483, 95.6400



32.8343, 19.1937, 73.2125



13.1223, 13.3311, 17.2692



8.1993, 3.3222, 41.2575



0.6243, 0.2591, 2.8624

Previews

White Background



This preview shows how the XYZ color 53.4066, 67.3514, 17.0228 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 53.4066, 67.3514, 17.0228 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 53.4066, 67.3514, 17.0228

Background



This preview shows how black text looks on a background with the XYZ color 53.4066, 67.3514, 17.0228.



This preview shows how white text looks on a background with the XYZ color 53.4066, 67.3514,

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

53.4066, 67.3514, 17.0228

Protanopia

60.8458, 66.9249, 16.0142

Deuteranopia

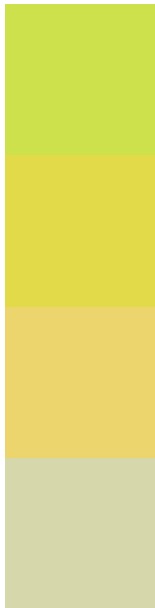
67.3406, 67.0143, 30.5049



Tritanopia

66.4269, 66.8549, 82.0763

Trichromacy



Original Color

53.4066, 67.3514, 17.0228

Protanomaly

57.9860, 66.9681, 16.3485

Deuteranomaly

61.5338, 66.7188, 24.3867

Tritanomaly

59.7712, 66.0265, 48.6238

Monochromacy



Original Color

53.4066, 67.3514, 17.0228

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

53.6759, 61.1900, 40.4343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4066, 67.3514, 17.0228 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(205, 225, 76)` looks like.

```
.text, #text, p{  
    color:rgb(205, 225, 76)  
}
```

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(205, 225, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 225, 76) }
```

Border

The CSS property to change the border of an element to XYZ 53.4066, 67.3514, 17.0228 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(205, 225, 76) }
```


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

```
.border{ border-color:rgb(205, 225, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 225, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 225, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 225, 76);  
box-shadow:4px 4px 4px 4px rgb(205, 225,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4066, 67.3514, 17.0228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 225, 76) }
```

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

```
.background{ background-color: rgb(205,  
225, 76) }
```

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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