

Converting Colors

YUV(216.3700, -54.9054,
17.2155)

Have a look what the booklet for
YUV(216.3700, -54.9054, 17.2155)
contains.

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Color

**YUV(216.3700, -54.9054,
17.2155)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE469
RGB	236, 228, 105
RGB Percent	93%, 89%, 41%
CMY	0.0745, 0.1059, 0.5882
CMYK	0.00, 0.03, 0.56, 0.07
HSL	56°, 78%, 67%
HSV	56°, 56%, 93%
XYZ	64.8853, 74.3396, 24.2938
YIQ	216.3700, 44.2510, -36.5570

Conversions

Conversions Part 2

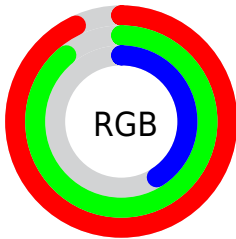
Format	Color
RYB	114, 236, 105
Decimal	15524969
CIELab	89.08, -12.69, 59.87
CIELCh	89, 61.202, 101.963
Yxy	74.3396, 0.3968, 0.4546
Android (android.graphics.Color)	4293715049 (0xFFECE469)
YUV	216.3700, -54.9054, 17.2155
Hunter-Lab	86.2204, -16.5553, 43.6485

Details

The YUV color $216.3700, -54.9054, 17.2155$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $124.6300, 54.9054, -17.2155$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.1700, -41.4958, 9.4979$, and $160.4730, -54.4632, 15.3712$ is the 20% darker color. If you saturate the color by 10%, you get $213.0470, -65.0992, 20.1298$, and if you desaturate by 10%, it is $219.6930, -44.7116, 14.3012$.

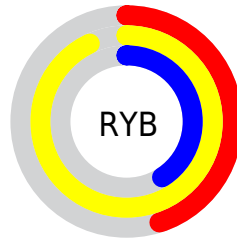
Distribution



Red (93%)

Green (89%)

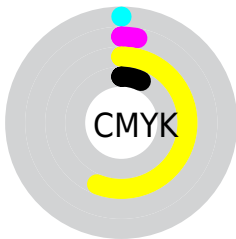
Blue (41%)



Red (45%)

Yellow (93%)

Blue (41%)

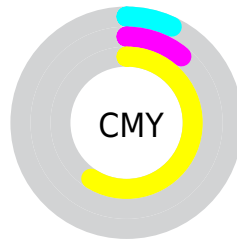


Cyan (0%)

Magenta (3%)

Yellow (56%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.3700, -54.9054, 17.2155 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 YUV color 216.3700, -54.9054, 17.2155 by changing the saturation by 10% instead.

216.3700,
-54.9054, 17.2155

216.3700,
-54.9054, 17.2155

255.0000, 0.0000,
0.0000

187.8860,
-54.1738, 15.8860

244.1700,
-41.4958, 9.4979

160.4730,
-54.4632, 15.3712

247.3620,
-29.2655, 6.6985

132.3050,
-56.3524, 14.6415

250.5540,
-17.0351, 3.8991

107.2060,
-52.8526, 12.0973

253.9740, -3.9312,
0.8998

84.4580, -41.6378,
8.3683

63.1830, -31.1492,
4.2245

41.9080, -20.6606,

0.0807

■ 22.6930, -11.1876,
-4.9928

■ 0.0000, 0.0000,
0.0000

■ 216.3700,
-54.9054, 17.2155

■ 216.3700,
-54.9054, 17.2155

■ 213.0470,
-65.0992, 20.1298

■ 219.6930,
-44.7116, 14.3012

■ 209.2510,
-74.5667, 23.4589

■ 223.4890,
-35.2441, 10.9721

■ 205.9280,
-84.7605, 26.3731

■ 226.8120,
-25.0503, 8.0579

■ 202.1320,
-94.2281, 29.7022

■ 230.6080,
-15.5827, 4.7288

■ 200.8780,
-99.0329, 30.8020

■ 233.9310, -5.3890,
1.8145

■ 237.8410, 4.5154,
-1.6146

■ 239.3400, 7.7204,
-2.9292

■ 240.5140, 7.1416,
-3.9588

■ 241.1010, 6.8522,
-4.4736

Harmonies

Analogous

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



210.9950, -49.2975, 38.5924



216.3700, -54.9054, 17.2155



209.3450, -37.1451, -32.7516

Triad

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



216.3700, -54.9054, 17.2155



175.8200, 39.0357, -154.1941



210.9750, 21.7043, 38.6099

Complementary

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



216.3700, -54.9054, 17.2155



124.6300, 54.9054, -17.2155

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.



222.1280, 16.2059, 28.8287



216.3700, -54.9054, 17.2155



169.9500, 41.9297, -149.0461

Square

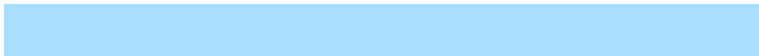
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.3700, -54.9054, 17.2155



177.1420, 33.9470, -155.3535



209.9150, 22.2269, -35.8825



201.9980, 0.0010, 46.4828

Rectangle

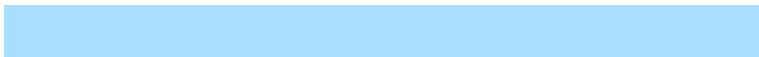
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.3700, -54.9054, 17.2155



200.4830, -16.5071, -72.3376



209.9150, 22.2269, -35.8825



213.9100, 20.2574, 36.0359

Sweetspot

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



216.3700, -54.9054, 17.2155



248.3370, -17.9141, 5.8435



145.1950, -15.3791, 79.6360



123.8620, -10.7780, 3.6290



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



216.3700, -54.9054, 17.2155



229.6360, -71.7985, 22.2442



204.0230, -48.8183, -21.9452



115.7460, -4.8048, 1.0998



153.9090, -75.8771, 23.7588



45.4960, -22.4295, 7.4580

Inverse Universe

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



124.6300, 54.9054, -17.2155



109.9510, 71.5092, -22.7590



136.9770, 48.8183, 21.9452



107.2540, 4.8048, -1.0998



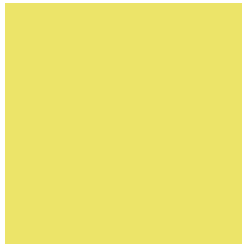
27.0910, 75.8771, -23.7588



7.9170, 22.7189, -6.9432

Previews

White Background



This preview shows how the YUV color 216.3700, -54.9054, 17.2155 looks on a white background.

Color Contrast Check

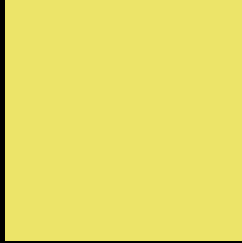
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 216.3700, -54.9054, 17.2155 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](#).

YUV 216.3700, -54.9054, 17.2155 Background



This preview shows how black text looks on a background with the YUV color 216.3700, -54.9054, 17.2155.



This preview shows how white text looks on a background with the YUV color 216.3700, -54.9054, 17.2155.

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

216.3700, -54.9054, 17.2155

Protanopia

217.4960, -55.9535, 26.7520

Deuteranopia

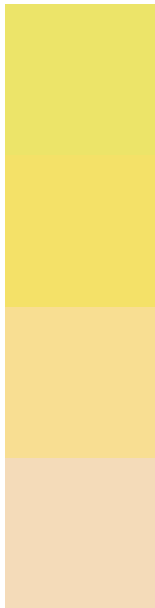
223.5910, -26.4204, 27.5457



Tritanopia

226.1040, 2.4137, 19.2028

Trichromacy



Original Color

216.3700, -54.9054, 17.2155

Protanomaly

216.8870, -55.6533, 23.7781

Deuteranomaly

221.1100, -37.0292, 23.5825

Tritanomaly

222.5990, -18.5363, 18.7687

Monochromacy



Original Color

216.3700, -54.9054, 17.2155

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.8810, -19.6613, 6.2434

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.3700, -54.9054, 17.2155 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(236, 228, 105)` looks like.

```
.text, #text, p{  
    color:rgb(236, 228, 105)  
}
```

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(236, 228, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 228, 105) }
```

Border

The CSS property to change the border of an element to YUV 216.3700, -54.9054, 17.2155 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(236, 228, 105) }
```


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

```
.border{ border-color:rgb(236, 228, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 228, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 228, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 228, 105);  
box-shadow:4px 4px 4px 4px rgb(236, 228,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 216.3700, -54.9054, 17.2155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 228, 105) }
```

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

```
.background{ background-color: rgb(236,  
228, 105) }
```

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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