

Converting Colors

YUV(216.2880, -57.3300,
1.5014)

Have a look what the booklet for
YUV(216.2880, -57.3300, 1.5014)
contains.

YUV(216.2880, -57.3300, 1.5014)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(216.2880, -57.3300,
1.5014)**

Conversions

Conversions Part 1

Format	Color
Hex	DAEE64
RGB	218, 238, 100
RGB Percent	85%, 93%, 39%
CMY	0.1451, 0.0667, 0.6078
CMYK	0.08, 0.00, 0.58, 0.07
HSL	69°, 80%, 66%
HSV	69°, 58%, 93%
XYZ	61.7882, 76.9746, 23.6576
YIQ	216.2880, 32.3780, -47.1580

Conversions

Conversions Part 2

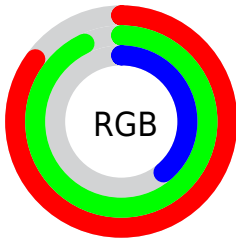
Format	Color
RYB	100, 238, 120
Decimal	14347876
CIELab	90.31, -25.09, 63.06
CIELCh	90, 67.867, 111.701
Yxy	76.9746, 0.3804, 0.4739
Android (android.graphics.Color)	4292537956 (0xFFDAEE64)
YUV	216.2880, -57.3300, 1.5014
Hunter-Lab	87.7352, -27.8264, 45.4272

Details

The YUV color $216.2880, -57.3300, 1.5014$ is a light color, and the websafe version is hex $FFFF66$. A complement of this color would be $121.7120, 57.3300, -1.5014$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.6000, -43.6798, 9.9978$, and $159.5760, -57.4720, 0.3718$ is the 20% darker color. If you saturate the color by 10%, you get $212.6550, -67.3709, 2.0566$, and if you desaturate by 10%, it is $219.9210, -47.2891, 0.9463$.

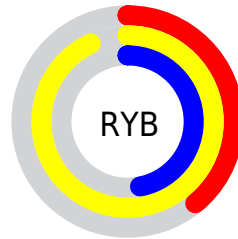
Distribution



Red (85%)

Green (93%)

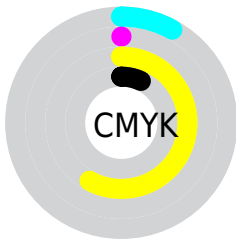
Blue (39%)



Red (39%)

Yellow (93%)

Blue (47%)

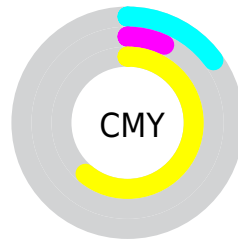


Cyan (8%)

Magenta (0%)

Yellow (58%)

Black (7%)



Cyan (15%)

Magenta (7%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.2880, -57.3300, 1.5014 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 216.2880, -57.3300, 1.5014 by changing the saturation by 10% instead.

216.2880,
-57.3300, 1.5014

216.2880,
-57.3300, 1.5014

255.0000, 0.0000,
0.0000

187.9890,
-57.1826, 0.8866

243.6000,
-43.6798, 9.9978

159.5760,
-57.4720, 0.3718

246.7920,
-31.4495, 7.1984

130.4530,
-64.3133, 1.3567

250.0980,
-18.7823, 4.2991

107.1180,
-52.8092, -1.8575

253.4040, -6.1152,
1.3997

84.3700, -41.5944,
-5.5865

62.2090, -30.6690,
-9.8303

40.3360, -19.8856,

-15.2037

■ 21.1320, -10.4181,
-18.5328

■ 1.1740, -0.5788,
-1.0296

■ 216.2880,
-57.3300, 1.5014

■ 216.2880,
-57.3300, 1.5014

■ 212.6550,
-67.3709, 2.0566

■ 219.9210,
-47.2891, 0.9463

■ 208.7230,
-77.2644, 1.9969

■ 223.8530,
-37.3955, 1.0059

■ 205.2040,
-86.8686, 2.4521

■ 227.3720,
-27.7914, 0.5508

■ 201.2720,
-96.7621, 2.3925

■ 231.3040,
-17.8979, 0.6104

■ 200.7020,
-98.9461, 2.8923

■ 234.9370, -7.8569,
0.0553

■ 238.8690, 2.0366,
0.1149

■ 241.1340, 6.8359,
0.7595

■ 242.3300, 6.2463,
3.2186

■ 243.2270, 5.8041,
5.0629

Harmonies

Analogous

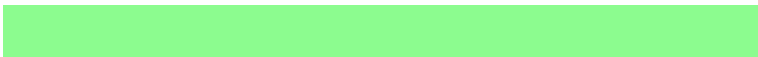
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.3400, -59.3276, 35.6588



216.2880, -57.3300, 1.5014



206.0860, -31.1014, -57.9574

Triad

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



216.2880, -57.3300, 1.5014



178.1680, 37.8782, -156.2533



206.0680, 20.6725, 42.9134

Complementary

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



216.2880, -57.3300, 1.5014



121.7120, 57.3300, -1.5014

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.



217.4320, 18.5210, 32.9471



216.2880, -57.3300, 1.5014



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.



216.2880, -57.3300, 1.5014



178.7550, 37.5888, -156.7681



216.5480, 18.9568, -13.6356



199.2450, -8.0088, 48.8971

Rectangle

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



216.2880, -57.3300, 1.5014



185.9100, -0.9416, -118.3161



216.5480, 18.9568, -13.6356



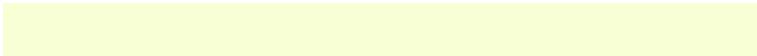
209.2140, 22.5725, 40.1543

Sweetspot

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



216.2880, -57.3300, 1.5014



248.3040, -17.8979, 0.6104



151.8280, -25.5512, 75.5728



123.8400, -10.7671, 0.1403



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.



216.2880, -57.3300, 1.5014



226.9340, -73.9175, 1.8119



196.2550, -47.4537, -39.6886



118.0340, -4.9468, -0.0298



154.9510, -76.3908, 1.7970



47.2240, -23.2814, 0.6806

Inverse Universe

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



121.7120, 57.3300, -1.5014



104.7670, 74.0649, -2.4267



141.7450, 47.4537, 39.6886



109.9660, 4.9468, 0.0298



29.0490, 76.3908, -1.7970



8.7760, 23.2814, -0.6806

Previews

White Background



This preview shows how the YUV color 216.2880, -57.3300, 1.5014 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 216.2880, -57.3300, 1.5014 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 216.2880, -57.3300, 1.5014 Background



This preview shows how black text looks on a background with the YUV color 216.2880, -57.3300, 1.5014.



This preview shows how white text looks on a background with the YUV color 216.2880, -57.3300,

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

216.2880, -57.3300, 1.5014

Protanopia

219.6550, -60.4689, 28.3666

Deuteranopia

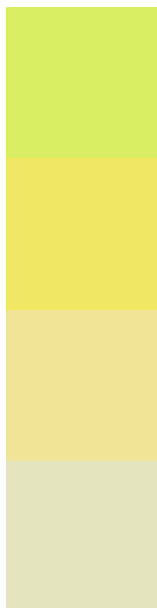
227.0790, -23.2099, 24.4867



Tritanopia

228.0420, 6.3883, 4.3482

Trichromacy



Original Color

216.2880, -57.3300, 1.5014

Protanomaly

218.5290, -59.4208, 18.8301

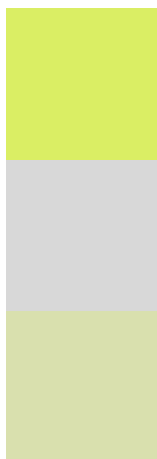
Deuteranomaly

223.4080, -35.6971, 16.3052

Tritanomaly

223.6680, -16.5983, 3.7992

Monochromacy



Original Color

216.2880, -57.3300, 1.5014

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.2070, -20.8081, 0.6955

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.2880, -57.3300, 1.5014 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(218, 238, 100)` looks like.

```
.text, #text, p{  
    color:rgb(218, 238, 100)  
}
```

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(218, 238, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 238, 100) }
```

Border

The CSS property to change the border of an element to YUV 216.2880, -57.3300, 1.5014 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(218, 238, 100) }
```


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

```
.border{ border-color:rgb(218, 238, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 238, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 238, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 238, 100);  
box-shadow:4px 4px 4px 4px rgb(218, 238,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 216.2880, -57.3300, 1.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 238, 100) }
```

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

```
.background{ background-color: rgb(218,  
238, 100) }
```

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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