

Converting Colors

YUV(180.5490, -66.3327,
42.4915)

Have a look what the booklet for
YUV(180.5490, -66.3327, 42.4915)
contains.

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Color

**YUV(180.5490, -66.3327,
42.4915)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B62E
RGB	229, 182, 46
RGB Percent	90%, 71%, 18%
CMY	0.1020, 0.2863, 0.8196
CMYK	0.00, 0.21, 0.80, 0.10
HSL	45°, 78%, 54%
HSV	45°, 80%, 90%
XYZ	49.5342, 50.3112, 9.6851
YIQ	180.5490, 71.6680, -32.3320

Conversions

Conversions Part 2

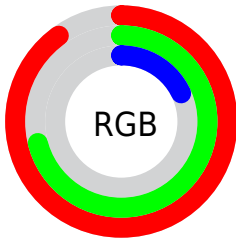
Format	Color
RYB	109, 229, 46
Decimal	15054382
CIELab	76.26, 4.70, 69.79
CIELCh	76, 69.949, 86.149
Yxy	50.3112, 0.4522, 0.4593
Android (android.graphics.Color)	4293244462 (0xFFE5B62E)
YUV	180.5490, -66.3327, 42.4915
Hunter-Lab	70.9304, 0.5273, 41.5556

Details

The YUV color **180.5490, -66.3327, 42.4915** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **94.4510, 66.3327, -42.4915**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8070, -61.0369, 23.8483**, and **126.8410, -62.5326, 36.9734** is the 20% darker color. If you saturate the color by 10%, you get **174.4050, -74.6427, 47.8798**, and if you desaturate by 10%, it is **186.6930, -58.0226, 37.1032**.

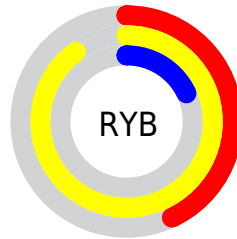
Distribution



Red (90%)

Green (71%)

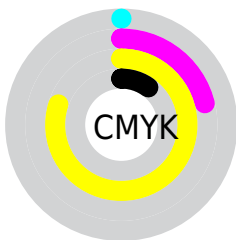
Blue (18%)



Red (43%)

Yellow (90%)

Blue (18%)

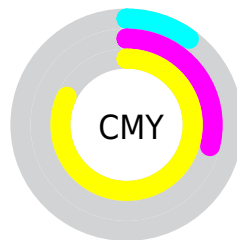


Cyan (0%)

Magenta (21%)

Yellow (80%)

Black (10%)



Cyan (10%)

Magenta (29%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.5490, -66.3327, 42.4915 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 180.5490, -66.3327, 42.4915 by changing the saturation by 10% instead.

180.5490,
-66.3327, 42.4915

180.5490,
-66.3327, 42.4915

255.0000, 0.0000,
0.0000

150.7140,
-73.3160, 42.3468

227.8070,
-61.0369, 23.8483

126.8410,
-62.5326, 36.9734

240.8640,
-54.1630, 12.3973

103.4950,
-51.0230, 32.0149

244.0560,
-41.9326, 9.5979

80.7360, -39.8028,
26.5415

247.3620,
-29.2655, 6.6985

58.8630, -29.0195,
21.1681

250.6680,
-16.5983, 3.7992

38.4630, -18.9623,
15.3799

253.9740, -3.9312,

19.5470, -9.6367,

0.8998

10.9213

■ 0.0000, 0.0000,
0.0000

■ 180.5490,
-66.3327, 42.4915

■ 180.5490,
-66.3327, 42.4915

■ 174.4050,
-74.6427, 47.8798

■ 186.6930,
-58.0226, 37.1032

■ 168.2610,
-82.9527, 53.2681

■ 192.8370,
-49.7126, 31.7150

■ 198.9810,
-41.4026, 26.3267

■ 205.1250,
-33.0926, 20.9384

■ 210.6820,
-24.4932, 16.0649

■ 216.7120,
-16.6200, 10.7766

■ 222.8560, -8.3100,
5.3883

■ 229.0000, 0.0000,
0.0000

■ 235.1440, 8.3100,
-5.3883

Harmonies

Analogous

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



177.5240, -48.0793, 67.9465



180.5490, -66.3327, 42.4915



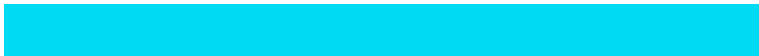
174.5750, -55.9925, -7.5203

Triad

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



180.5490, -66.3327, 42.4915



156.2550, 42.7653, -137.0356



191.6040, 31.2542, 55.5983

Complementary

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



180.5490, -66.3327, 42.4915



94.4510, 66.3327, -42.4915

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.



183.2340, 35.3806, -8.0982



180.5490, -66.3327, 42.4915



153.5140, 50.0326, -134.6318

Square

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



180.5490, -66.3327, 42.4915



148.7310, 13.9366, -130.4371



145.2960, 54.0841, -127.4246



174.0670, 12.2920, 70.9782

Rectangle

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



180.5490, -66.3327, 42.4915



167.6590, -36.8069, -47.9359



145.2960, 54.0841, -127.4246



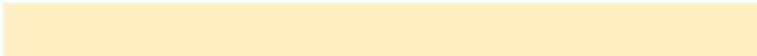
191.2060, 31.4504, 39.2843

Sweetspot

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



180.5490, -66.3327, 42.4915



238.6540, -22.0144, 14.3354



106.3030, -5.5724, 107.6053



117.9120, -13.2676, 8.8472



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.



180.5490, -66.3327, 42.4915



190.0890, -88.7839, 56.9269



195.2810, -73.5955, -8.1394



111.8710, -4.3734, 2.7441



131.5920, -64.8749, 41.5768



37.5550, -18.5146, 11.7913

Inverse Universe

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



94.4510, 66.3327, -42.4915



74.9110, 88.7839, -56.9269



79.7190, 73.5955, 8.1394



106.1290, 4.3734, -2.7441



47.4080, 64.8749, -41.5768



13.4450, 18.5146, -11.7913

Previews

White Background



This preview shows how the YUV color 180.5490, -66.3327, 42.4915 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 180.5490, -66.3327, 42.4915 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 180.5490, -66.3327, 42.4915 Background



This preview shows how black text looks on a background with the YUV color 180.5490, -66.3327, 42.4915.



This preview shows how white text looks on a background with the YUV color 180.5490, -66.3327, 42.4915.

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

180.5490, -66.3327, 42.4915

Protanopia

179.8030, -64.9789, 28.2368

Deuteranopia

181.4080, -65.7701, 48.7542



Tritanopia

191.8140, -4.3453, 40.5051

Trichromacy



Original Color

180.5490, -66.3327, 42.4915

Protanomaly

179.7220, -65.4319, 33.5698

Deuteranomaly

180.9840, -66.0541, 46.4950

Tritanomaly

187.5650, -26.9005, 41.6005

Monochromacy



Original Color

180.5490, -66.3327, 42.4915

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.4970, -23.9090, 15.3501

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.5490, -66.3327, 42.4915 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(229, 182, 46)` looks like.

```
.text, #text, p{  
    color:rgb(229, 182, 46)  
}
```

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(229, 182, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 182, 46) }
```

Border

The CSS property to change the border of an element to YUV 180.5490, -66.3327, 42.4915 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(229, 182, 46) }
```


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

```
.border{ border-color:rgb(229, 182, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 182, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 182, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 182, 46);  
box-shadow:4px 4px 4px 4px rgb(229, 182,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 180.5490, -66.3327, 42.4915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 182, 46) }
```

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

```
.background{ background-color: rgb(229,  
182, 46) }
```

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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