

Converting Colors

YUV(174.5190, -53.9929,
51.2878)

Have a look what the booklet for
YUV(174.5190, -53.9929, 51.2878)
contains.

YUV(174.5190, -53.9929, 51.2878)	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(174.5190, -53.9929,
51.2878)**

Conversions

Conversions Part 1

Format	Color
Hex	E9A641
RGB	233, 166, 65
RGB Percent	91%, 65%, 25%
CMY	0.0863, 0.3490, 0.7451
CMYK	0.00, 0.29, 0.72, 0.09
HSL	36°, 79%, 58%
HSV	36°, 72%, 91%
XYZ	48.1946, 44.9777, 11.1425
YIQ	174.5190, 72.3530, -17.2070

Conversions

Conversions Part 2

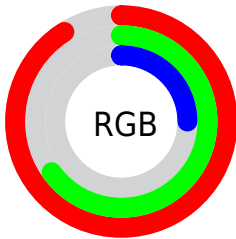
Format	Color
RYB	176, 233, 65
Decimal	15312449
CIELab	72.88, 15.62, 59.69
CIELCh	73, 61.698, 75.337
Yxy	44.9777, 0.4620, 0.4312
Android (android.graphics.Color)	4293502529 (0xFFE9A641)
YUV	174.5190, -53.9929, 51.2878
Hunter-Lab	67.0654, 10.9093, 37.0952

Details

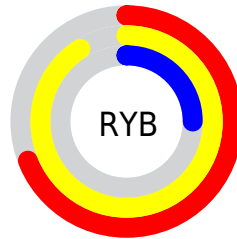
The YUV color **174.5190, -53.9929, 51.2878** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **123.4810, 53.9929, -51.2878**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4240, -50.0020, 31.2002**, and **118.6450, -58.4920, 47.6693** is the 20% darker color. If you saturate the color by 10%, you get **166.6140, -61.4347, 58.2205**, and if you desaturate by 10%, it is **182.4240, -46.5510, 44.3552**.

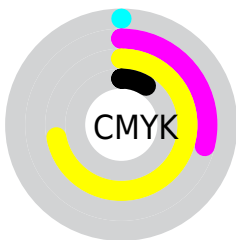
Distribution



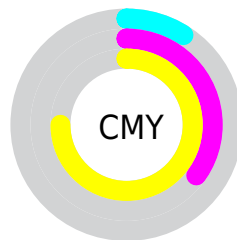
- Red (91%)
- Green (65%)
- Blue (25%)



- Red (69%)
- Yellow (91%)
- Blue (25%)



- Cyan (0%)
- Magenta (29%)
- Yellow (72%)
- Black (9%)



- Cyan (9%)
- Magenta (35%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.5190, -53.9929, 51.2878 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 174.5190, -53.9929, 51.2878 by changing the saturation by 10% instead.

174.5190,
-53.9929, 51.2878

174.5190,
-53.9929, 51.2878

255.0000, 0.0000,
0.0000

147.0950,
-54.2768, 49.0287

219.4240,
-50.0020, 31.2002

118.6450,
-58.4920, 47.6693

238.9380,
-46.3114, 14.0864

95.5870, -47.1244,
41.5812

245.6520,
-35.8174, 8.1982

73.1270, -36.0516,
36.7226

248.8440,
-23.5871, 5.3988

51.5420, -25.4102,
30.2197

252.1500,
-10.9200, 2.4994

31.1420, -15.3530,
24.4315

10.7640, -5.3067,

22.1320

■ 0.0000, 0.0000,
0.0000

■ 174.5190,
-53.9929, 51.2878

■ 174.5190,
-53.9929, 51.2878

■ 166.6140,
-61.4347, 58.2205

■ 182.4240,
-46.5510, 44.3552

■ 158.0080,
-69.0239, 65.7680

■ 191.0300,
-38.9618, 36.8077

■ 151.8470,
-74.8606, 71.1712

■ 198.9350,
-31.5200, 29.8750

■ 206.8400,
-24.0781, 22.9423

■ 214.7450,
-16.6363, 16.0096

■ 223.3510, -9.0470,
8.4622

■ 231.2560, -1.6052,
1.5295

■ 239.1610, 5.8366,
-5.4032

■ 245.4870, 4.6899,
-10.9511

Harmonies

Analogous

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



172.2870, -35.1445, 72.5393



174.5190, -53.9929, 51.2878



170.0810, -53.2839, 10.4530

Triad

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



174.5190, -53.9929, 51.2878



145.1070, 30.5132, -127.2588



183.7750, 35.1139, 30.8923

Complementary

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



174.5190, -53.9929, 51.2878



123.4810, 53.9929, -51.2878

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.



170.9640, 41.4297, -35.0484



174.5190, -53.9929, 51.2878



148.2310, 52.6371, -129.9986

Square

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



174.5190, -53.9929, 51.2878



137.2070, 5.3209, -120.3305



142.3610, 55.5310, -124.8506



177.5550, 15.5024, 67.9193

Rectangle

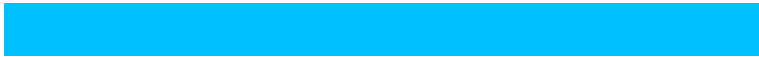
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



174.5190, -53.9929, 51.2878



165.2710, -41.5456, -21.2857



142.3610, 55.5310, -124.8506



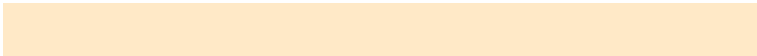
181.2950, 36.3366, 12.0193

Sweetspot

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



174.5190, -53.9929, 51.2878



235.7020, -18.0941, 16.9243



122.8700, 4.5011, 96.5840



115.9060, -10.7997, 10.6064



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.



174.5190, -53.9929, 51.2878



178.0360, -71.5027, 67.4974



208.7650, -70.8761, 6.3451



113.3980, -3.6472, 3.1590



118.1020, -58.2243, 55.1615



34.9300, -17.2205, 16.7244

Inverse Universe

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



123.4810, 53.9929, -51.2878



110.5510, 71.2134, -68.0122



89.2350, 70.8761, -6.3451



109.6020, 3.6472, -3.1590



62.8980, 58.2243, -55.1615



18.4830, 17.5099, -16.2096

Previews

White Background



This preview shows how the YUV color 174.5190, -53.9929, 51.2878 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 174.5190, -53.9929, 51.2878 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 174.5190, -53.9929, 51.2878

Background



This preview shows how black text looks on a background with the YUV color 174.5190, -53.9929, 51.2878.



This preview shows how white text looks on a background with the YUV color 174.5190, -53.9929, 51.2878.

51.2878.

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

174.5190, -53.9929, 51.2878

Protanopia

173.3260, -51.4327, 23.3931

Deuteranopia

174.0620, -54.2606, 43.7956



Tritanopia

182.3700, -7.5774, 50.5415

Trichromacy



Original Color

174.5190, -53.9929, 51.2878

Protanomaly

173.8650, -52.1914, 33.4444

Deuteranomaly

174.3720, -54.4134, 46.1548

Tritanomaly

179.6030, -24.4543, 50.3372

Monochromacy



Original Color

174.5190, -53.9929, 51.2878

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.9580, -19.6993, 18.4538

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.5190, -53.9929, 51.2878 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(233, 166, 65)` looks like.

```
.text, #text, p{  
    color:rgb(233, 166, 65)  
}
```

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(233, 166, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 166, 65) }
```

Border

The CSS property to change the border of an element to YUV 174.5190, -53.9929, 51.2878 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(233, 166, 65) }
```


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

```
.border{ border-color:rgb(233, 166, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 166, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 166, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 166, 65);  
box-shadow:4px 4px 4px 4px rgb(233, 166,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 174.5190, -53.9929, 51.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 166, 65) }
```

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

```
.background{ background-color: rgb(233,  
166, 65) }
```

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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