

Converting Colors

YUV(186.8220, -53.6492,
34.3591)

Have a look what the booklet for
YUV(186.8220, -53.6492, 34.3591)
contains.

YUV(186.8220, -53.6492, 34.3591)	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(186.8220, -53.6492,
34.3591)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BC4E
RGB	226, 188, 78
RGB Percent	89%, 74%, 31%
CMY	0.1137, 0.2627, 0.6941
CMYK	0.00, 0.17, 0.65, 0.11
HSL	45°, 72%, 60%
HSV	45°, 65%, 89%
XYZ	50.7224, 52.6852, 14.7036
YIQ	186.8220, 57.9580, -26.1540

Conversions

Conversions Part 2

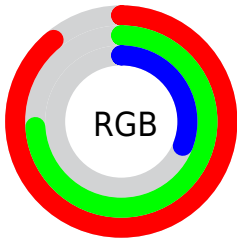
Format	Color
RYB	129, 226, 78
Decimal	14859342
CIELab	77.69, 1.73, 58.92
CIELCh	78, 58.949, 88.317
Yxy	52.6852, 0.4294, 0.4461
Android (android.graphics.Color)	4293049422 (0xFFE2BC4E)
YUV	186.8220, -53.6492, 34.3591
Hunter-Lab	72.5846, -2.2866, 38.7987

Details

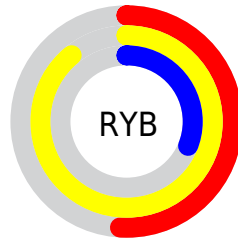
The YUV color **186.8220, -53.6492, 34.3591** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **117.1780, 53.6492, -34.3591**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.5210, -50.5429, 17.9601**, and **131.4580, -54.9488, 31.1703** is the 20% darker color. If you saturate the color by 10%, you get **180.6780, -61.9593, 39.7474**, and if you desaturate by 10%, it is **192.9660, -45.3392, 28.9708**.

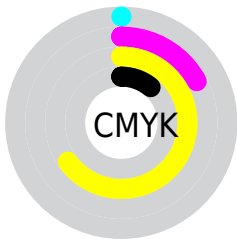
Distribution



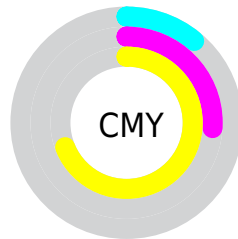
- Red (89%)
- Green (74%)
- Blue (31%)



- Red (51%)
- Yellow (89%)
- Blue (31%)



- Cyan (0%)
- Magenta (17%)
- Yellow (65%)
- Black (11%)



- Cyan (11%)
- Magenta (26%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.8220, -53.6492, 34.3591 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 186.8220, -53.6492, 34.3591 by changing the saturation by 10% instead.

■ 186.8220,
-53.6492, 34.3591

■ 186.8220,
-53.6492, 34.3591

255.0000, 0.0000,
0.0000

■ 158.9250,
-53.2070, 32.5148

■ 234.5210,
-50.5429, 17.9601

■ 131.4580,
-54.9488, 31.1703

■ 244.0560,
-41.9326, 9.5979

■ 105.8320,
-52.1752, 28.2113

■ 247.2480,
-29.7023, 6.7985

■ 83.6710, -41.2498,
23.9675

■ 250.4400,
-17.4719, 3.9991

■ 61.7980, -30.4664,
18.5942

■ 253.7460, -4.8048,
1.0998

■ 41.1100, -20.2672,
13.9355

■ 21.8950, -10.7942,

8.8621

■ 0.0000, 0.0000,
0.0000

■ 186.8220,
-53.6492, 34.3591

■ 186.8220,
-53.6492, 34.3591

■ 180.6780,
-61.9593, 39.7474

■ 192.9660,
-45.3392, 28.9708

■ 174.6480,
-69.8325, 45.0357

■ 198.9960,
-37.4660, 23.6825

■ 169.0910,
-78.4319, 49.9092

■ 204.5530,
-28.8666, 18.8090

■ 166.1900,
-81.9317, 52.4534

■ 210.5830,
-20.9934, 13.5207

■ 216.7270,
-12.6834, 8.1324

■ 222.8710, -4.3734,
2.7441

■ 228.9010, 3.4998,
-2.5442

■ 234.0020, 10.3520,
-7.0178

■ 237.5240, 8.6157,
-10.1065

Harmonies

Analogous

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



186.1470, -42.9635, 60.3841



186.8220, -53.6492, 34.3591



181.2510, -44.4937, -8.9901

Triad

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



186.8220, -53.6492, 34.3591



156.1410, 42.3285, -136.9357



196.9040, 26.1763, 50.9502

Complementary

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



186.8220, -53.6492, 34.3591



117.1780, 53.6492, -34.3591

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.



190.9530, 31.5752, -0.8358



186.8220, -53.6492, 34.3591



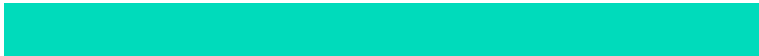
153.5140, 50.0326, -134.6318

Square

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



186.8220, -53.6492, 34.3591



149.8710, 18.3046, -131.4369



167.4110, 43.1814, -83.6754



183.8180, 6.4987, 62.4266

Rectangle

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



186.8220, -53.6492, 34.3591



175.6410, -29.4030, -42.6582



167.4110, 43.1814, -83.6754



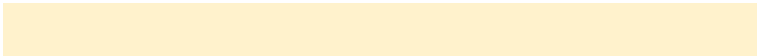
196.5000, 28.8405, 36.3955

Sweetspot

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



186.8220, -53.6492, 34.3591



241.5550, -18.5146, 11.7913



126.6980, -4.7811, 87.0879



119.7700, -11.2256, 7.2177



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.



186.8220, -53.6492, 34.3591



201.5620, -72.7481, 46.8651



198.6630, -59.4869, -6.7205



108.9850, -3.9366, 2.6442



129.5210, -63.8539, 40.7621



35.4840, -17.4936, 10.9765

Inverse Universe

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



117.1780, 53.6492, -34.3591



106.8510, 73.0375, -46.3503



105.3370, 59.4869, 6.7205



104.0150, 3.9366, -2.6442



46.4790, 63.8539, -40.7621



12.5160, 17.4936, -10.9765

Previews

White Background



This preview shows how the YUV color 186.8220, -53.6492, 34.3591 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 186.8220, -53.6492, 34.3591 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 186.8220, -53.6492, 34.3591 Background



This preview shows how black text looks on a background with the YUV color 186.8220, -53.6492, 34.3591.



This preview shows how white text looks on a background with the YUV color 186.8220, -53.6492, 34.3591.

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

186.8220, -53.6492, 34.3591

Protanopia

185.6960, -52.6011, 24.8226

Deuteranopia

188.0020, -53.2450, 44.7252



Tritanopia

195.2370, -2.5818, 34.8722

Trichromacy



Original Color

186.8220, -53.6492, 34.3591

Protanomaly

186.3050, -52.9014, 27.7965

Deuteranomaly

187.5670, -53.5235, 40.7217

Tritanomaly

192.0140, -21.2059, 35.0677

Monochromacy



Original Color

186.8220, -53.6492, 34.3591

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.6260, -19.5356, 12.6060

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.8220, -53.6492, 34.3591 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(226, 188, 78)` looks like.

```
.text, #text, p{  
    color:rgb(226, 188, 78)  
}
```

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(226, 188, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 188, 78) }
```

Border

The CSS property to change the border of an element to YUV 186.8220, -53.6492, 34.3591 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(226, 188, 78) }
```


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

```
.border{ border-color:rgb(226, 188, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 188, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 188, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 188, 78);  
box-shadow:4px 4px 4px 4px rgb(226, 188,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 186.8220, -53.6492, 34.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 188, 78) }
```

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

```
.background{ background-color: rgb(226,  
188, 78) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor