

Converting Colors

YUV(191.0920, -66.6004,
34.9993)

Have a look what the booklet for
YUV(191.0920, -66.6004, 34.9993)
contains.

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Color

**YUV(191.0920, -66.6004,
34.9993)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C538
RGB	231, 197, 56
RGB Percent	91%, 77%, 22%
CMY	0.0941, 0.2275, 0.7804
CMYK	0.00, 0.15, 0.76, 0.09
HSL	48°, 78%, 56%
HSV	48°, 76%, 91%
XYZ	53.6351, 57.2070, 11.9566
YIQ	191.0920, 65.5250, -36.6430

Conversions

Conversions Part 2

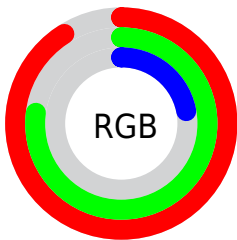
Format	Color
R _Y B	98, 231, 56
Decimal	15189304
CIE Lab	80.30, -1.89, 70.25
CIE LCh	80, 70.279, 91.539
Yxy	57.2070, 0.4368, 0.4659
Android (android.graphics.Color)	4293379384 (0xFFE7C538)
YUV	191.0920, -66.6004, 34.9993
Hunter-Lab	75.6353, -5.7825, 43.5720

Details

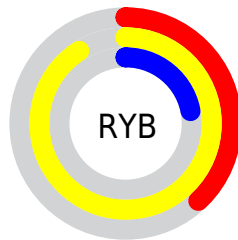
The YUV color **191.0920, -66.6004, 34.9993** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **95.9080, 66.6004, -34.9993**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.6380, -61.4465, 15.2265**, and **135.6570, -66.8789, 30.9958** is the 20% darker color. If you saturate the color by 10%, you get **186.1220, -75.4891, 39.3580**, and if you desaturate by 10%, it is **196.0620, -57.7116, 30.6406**.

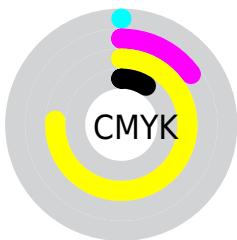
Distribution



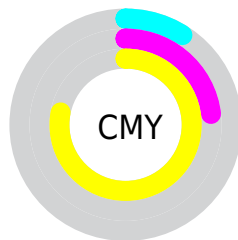
- Red (91%)
- Green (77%)
- Blue (22%)



- Red (38%)
- Yellow (91%)
- Blue (22%)



- Cyan (0%)
- Magenta (15%)
- Yellow (76%)
- Black (9%)



- Cyan (9%)
- Magenta (23%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.0920, -66.6004, 34.9993 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 191.0920, -66.6004, 34.9993 by changing the saturation by 10% instead.

■ 191.0920,
-66.6004, 34.9993

■ 191.0920,
-66.6004, 34.9993

■ 255.0000, 0.0000,
0.0000

■ 162.1690,
-70.0893, 34.0548

■ 237.6380,
-61.4465, 15.2265

■ 135.6570,
-66.8789, 30.9958

■ 242.0040,
-49.7950, 11.3975

■ 111.7240,
-55.0799, 26.5521

■ 245.1960,
-37.5646, 8.5981

■ 89.2640, -44.0072,
21.6935

■ 248.5020,
-24.8975, 5.6987

■ 67.3910, -33.2238,
16.3201

■ 251.8080,
-12.2303, 2.7994

■ 46.4040, -22.8772,
11.0467

■ 26.6020, -13.1148,

6.4880

■ 1.1740, -0.5788,
-1.0296

■ 0.0000, 0.0000,
0.0000

■ 191.0920,
-66.6004, 34.9993

■ 191.0920,
-66.6004, 34.9993

■ 186.1220,
-75.4891, 39.3580

■ 196.0620,
-57.7116, 30.6406

■ 180.5650,
-84.0885, 44.2315

■ 201.6190,
-49.1122, 25.7671

■ 178.2510,
-87.8777, 46.2609

■ 206.5890,
-40.2234, 21.4084

■ 212.1460,
-31.6240, 16.5350

■ 217.2300,
-22.2984, 12.0763

■ 222.7870,
-13.6990, 7.2028

■ 227.7570, -4.8102,
2.8441

■ 233.3140, 3.7892,
-2.0294

■ 237.2580, 8.7468,
-5.4883

Harmonies

Analogous

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



186.5570, -51.5466, 60.0245



191.0920, -66.6004, 34.9993



184.2470, -51.8868, -17.7566

Triad

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



191.0920, -66.6004, 34.9993



164.0800, 44.8236, -143.8982



195.1260, 29.5179, 52.5095

Complementary

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



191.0920, -66.6004, 34.9993



95.9080, 66.6004, -34.9993

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.



196.0250, 29.0747, 7.8711



191.0920, -66.6004, 34.9993



159.3840, 47.1387, -139.7798

Square

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



191.0920, -66.6004, 34.9993



158.5110, 20.9471, -139.0141



157.7770, 47.9309, -113.8144



179.8230, 8.9613, 65.9302

Rectangle

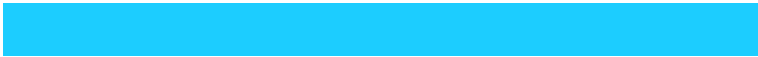
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



191.0920, -66.6004, 34.9993



175.7760, -30.9486, -60.3166



157.7770, 47.9309, -113.8144



200.4090, 26.9134, 47.8763

Sweetspot

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



191.0920, -66.6004, 34.9993



241.8170, -22.5878, 11.5615



112.3150, -10.5083, 104.0867



119.7870, -13.6990, 7.2028



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.



191.0920, -66.6004, 34.9993



202.1370, -88.3145, 46.3609



195.5020, -68.7745, -14.4723



112.4580, -4.6628, 2.2293



138.0490, -68.0582, 35.9140



39.3160, -19.3828, 10.2469

Inverse Universe

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



95.9080, 66.6004, -34.9993



75.8630, 88.3145, -46.3609



91.4980, 68.7745, 14.4723



106.1290, 4.3734, -2.7441



40.9510, 68.0582, -35.9140



11.6840, 19.3828, -10.2469

Previews

White Background



This preview shows how the YUV color 191.0920, -66.6004, 34.9993 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 191.0920, -66.6004, 34.9993 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 191.0920, -66.6004, 34.9993

Background



This preview shows how black text looks on a background with the YUV color 191.0920, -66.6004, 34.9993.



This preview shows how white text looks on a background with the YUV color 191.0920, -66.6004, 34.9993.

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

191.0920, -66.6004, 34.9993

Protanopia

190.8740, -65.9999, 29.0515

Deuteranopia

192.4190, -65.7756, 50.4985



Tritanopia

202.6390, -2.2870, 33.6426

Trichromacy



Original Color

191.0920, -66.6004, 34.9993

Protanomaly

191.1840, -66.1527, 31.4106

Deuteranomaly

191.9730, -66.0487, 44.7507

Tritanomaly

198.4500, -25.8578, 33.8084

Monochromacy



Original Color

191.0920, -66.6004, 34.9993

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.0730, -24.1930, 13.0910

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.0920, -66.6004, 34.9993 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(231, 197, 56)` looks like.

```
.text, #text, p{  
    color:rgb(231, 197, 56)  
}
```

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(231, 197, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 197, 56) }
```

Border

The CSS property to change the border of an element to YUV 191.0920, -66.6004, 34.9993 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(231, 197, 56) }
```


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

```
.border{ border-color:rgb(231, 197, 56) }
```

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

Here you see how a box with a 4 pixel rgb(231, 197, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 197, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 197, 56);  
box-shadow:4px 4px 4px 4px rgb(231, 197,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 191.0920, -66.6004, 34.9993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 197, 56) }
```

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

```
.background{ background-color: rgb(231,  
197, 56) }
```

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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