

Converting Colors

YUV(190.2260, -59.7644,
35.7588)

Have a look what the booklet for
YUV(190.2260, -59.7644, 35.7588)
contains.

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Color

**YUV(190.2260, -59.7644,
35.7588)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C145
RGB	231, 193, 69
RGB Percent	91%, 76%, 27%
CMY	0.0941, 0.2431, 0.7294
CMYK	0.00, 0.16, 0.70, 0.09
HSL	46°, 77%, 59%
HSV	46°, 70%, 91%
XYZ	53.0991, 55.5585, 13.5555
YIQ	190.2260, 62.4520, -30.5080

Conversions

Conversions Part 2

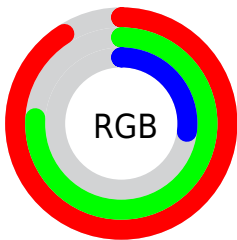
Format	Color
R _Y B	119, 231, 69
Decimal	15188293
CIE Lab	79.36, 0.76, 64.55
CIE LCh	79, 64.556, 89.328
Yxy	55.5585, 0.4345, 0.4546
Android (android.graphics.Color)	4293378373 (0xFFE7C145)
YUV	190.2260, -59.7644, 35.7588
Hunter-Lab	74.5376, -3.2808, 41.3938

Details

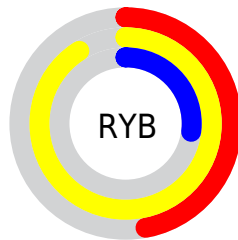
The YUV color **190.2260, -59.7644, 35.7588** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **109.7740, 59.7644, -35.7588**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.5440, -55.4842, 16.1859**, and **133.6080, -65.8687, 33.6698** is the 20% darker color. If you saturate the color by 10%, you get **184.6690, -68.3638, 40.6323**, and if you desaturate by 10%, it is **195.7830, -51.1650, 30.8853**.

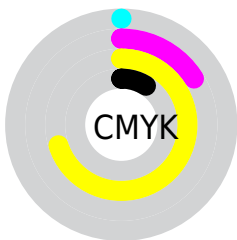
Distribution



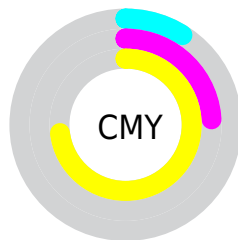
- Red (91%)
- Green (76%)
- Blue (27%)



- Red (47%)
- Yellow (91%)
- Blue (27%)



- Cyan (0%)
- Magenta (16%)
- Yellow (70%)
- Black (9%)



- Cyan (9%)
- Magenta (24%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.2260, -59.7644, 35.7588 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 190.2260, -59.7644, 35.7588 by changing the saturation by 10% instead.

■ 190.2260,
-59.7644, 35.7588

■ 190.2260,
-59.7644, 35.7588

■ 255.0000, 0.0000,
0.0000

■ 162.1010,
-60.1958, 34.1144

■ 236.5440,
-55.4842, 16.1859

■ 133.6080,
-65.8687, 33.6698

■ 243.1440,
-45.4270, 10.3977

■ 110.2620,
-54.3592, 28.7112

■ 246.3360,
-33.1966, 7.5983

■ 86.9160, -42.8496,
23.7527

■ 249.6420,
-20.5295, 4.6990

■ 65.3420, -32.2136,
18.9941

■ 252.9480, -7.8624,
1.7996

■ 44.3550, -21.8670,
13.7207

■ 25.1400, -12.3940,

8.6472

■ 0.0000, 0.0000,
0.0000

■ 190.2260,
-59.7644, 35.7588

■ 190.2260,
-59.7644, 35.7588

■ 184.6690,
-68.3638, 40.6323

■ 195.7830,
-51.1650, 30.8853

■ 178.5250,
-76.6738, 46.0206

■ 201.9270,
-42.8550, 25.4970

■ 172.9680,
-85.2732, 50.8941

■ 207.4840,
-34.2556, 20.6235

■ 213.6280,
-25.9456, 15.2352

■ 219.2990,
-16.9094, 10.2618

■ 225.4430, -8.5994,
4.8735

■ 231.0000, 0.0000,
0.0000

■ 236.5570, 8.5994,
-4.8735

■ 240.1930, 7.2999,
-8.0623

Harmonies

Analogous

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



187.2240, -46.4524, 59.4396



190.2260, -59.7644, 35.7588



184.0890, -48.8509, -11.4791

Triad

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



190.2260, -59.7644, 35.7588



161.0310, 45.8337, -141.2242



197.4740, 28.3603, 50.4503

Complementary

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



190.2260, -59.7644, 35.7588



109.7740, 59.7644, -35.7588

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.



193.9210, 30.1119, 1.8233



190.2260, -59.7644, 35.7588



157.0360, 48.2963, -137.7206

Square

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



190.2260, -59.7644, 35.7588



154.6640, 18.8996, -135.6403



164.0670, 44.8300, -99.1598



182.9860, 8.3879, 63.1563

Rectangle

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



190.2260, -59.7644, 35.7588



177.2550, -30.6917, -49.3356



164.0670, 44.8300, -99.1598



200.3760, 26.9296, 42.6432

Sweetspot

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



190.2260, -59.7644, 35.7588



241.2130, -19.8250, 12.0912



122.1120, -5.9712, 95.4948



119.6560, -11.6624, 7.3177



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.



190.2260, -59.7644, 35.7588



201.2540, -79.0052, 47.1352



200.5720, -64.8650, -8.3946



111.8710, -4.3734, 2.7441



133.9400, -66.0324, 39.5176



38.1420, -18.8040, 11.2765

Inverse Universe

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



109.7740, 59.7644, -35.7588



94.7460, 79.0052, -47.1352



99.7270, 64.7176, 9.0094



106.1290, 4.3734, -2.7441



45.0600, 66.0324, -39.5176



12.8580, 18.8040, -11.2765

Previews

White Background



This preview shows how the YUV color 190.2260, -59.7644, 35.7588 looks on a white background.

Color Contrast Check

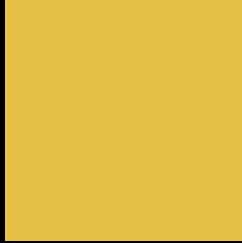
Large Text (above 18pt) WCAG AA × Fail

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 190.2260, -59.7644, 35.7588 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 190.2260, -59.7644, 35.7588

Background



This preview shows how black text looks on a background with the YUV color 190.2260, -59.7644, 35.7588.

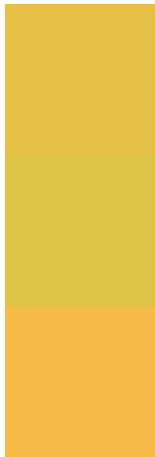


This preview shows how white text looks on a background with the YUV color 190.2260, -59.7644, 35.7588.

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

190.2260, -59.7644, 35.7588

Protanopia

189.3990, -58.8637, 26.8371

Deuteranopia

191.4170, -59.3656, 47.8693



Tritanopia

200.5360, -2.7292, 35.4869

Trichromacy



Original Color

190.2260, -59.7644, 35.7588

Protanomaly

190.0080, -59.1639, 29.8110

Deuteranomaly

190.9820, -59.6441, 43.8658

Tritanomaly

196.4440, -23.3899, 35.5676

Monochromacy



Original Color

190.2260, -59.7644, 35.7588

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0560, -21.7196, 13.1059

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.2260, -59.7644, 35.7588 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, 193, 69)` looks like.

```
.text, #text, p{  
    color:rgb(231, 193, 69)  
}
```

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, 193, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 193, 69) }
```

Border

The CSS property to change the border of an element to YUV 190.2260, -59.7644, 35.7588 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, 193, 69) }
```


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

```
.border{ border-color:rgb(231, 193, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 193, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 193, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 193, 69);  
box-shadow:4px 4px 4px 4px rgb(231, 193,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 190.2260, -59.7644, 35.7588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 193, 69) }
```

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

```
.background{ background-color: rgb(231,  
193, 69) }
```

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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