

Converting Colors

YUV(191.6180, -60.9437,
40.6770)

Have a look what the booklet for
YUV(191.6180, -60.9437, 40.6770)
contains.

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Color

**YUV(191.6180, -60.9437,
40.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC044
RGB	238, 192, 68
RGB Percent	93%, 75%, 27%
CMY	0.0667, 0.2471, 0.7333
CMYK	0.00, 0.19, 0.71, 0.07
HSL	44°, 83%, 60%
HSV	44°, 71%, 93%
XYZ	55.1529, 56.2938, 13.4278
YIQ	191.6180, 67.2200, -28.8120

Conversions

Conversions Part 2

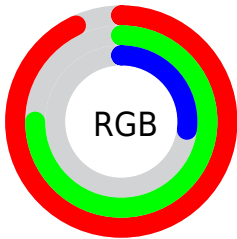
Format	Color
R_{YB}	131, 238, 68
Decimal	15646788
CIE _{Lab}	79.78, 4.19, 65.59
CIE _{LCh}	80, 65.722, 86.341
Yxy	56.2938, 0.4417, 0.4508
Android (android.graphics.Color)	4293836868 (0xFFEEC044)
YUV	191.6180, -60.9437, 40.6770
Hunter-Lab	75.0292, -0.0882, 41.9095

Details

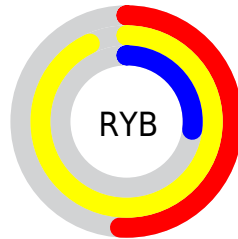
The YUV color **191.6180, -60.9437, 40.6770** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **114.3820, 60.9437, -40.6770**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8430, -55.6316, 16.8007**, and **134.8150, -66.4638, 37.8732** is the 20% darker color. If you saturate the color by 10%, you get **185.3600, -69.6905, 46.1653**, and if you desaturate by 10%, it is **197.8760, -52.1969, 35.1887**.

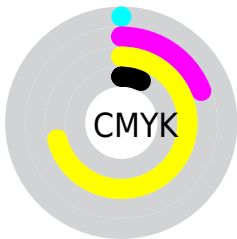
Distribution



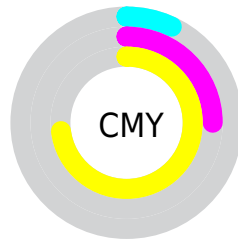
- Red (93%)
- Green (75%)
- Blue (27%)



- Red (51%)
- Yellow (93%)
- Blue (27%)



- Cyan (0%)
- Magenta (19%)
- Yellow (71%)
- Black (7%)



- Cyan (7%)
- Magenta (25%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.6180, -60.9437, 40.6770 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 191.6180, -60.9437, 40.6770 by changing the saturation by 10% instead.

191.6180,
-60.9437, 40.6770

191.6180,
-60.9437, 40.6770

255.0000, 0.0000,
0.0000

163.4930,
-61.3750, 39.0326

235.8430,
-55.6316, 16.8007

134.8150,
-66.4638, 37.8732

243.0300,
-45.8638, 10.4977

111.4690,
-54.9542, 32.9147

246.3360,
-33.1966, 7.5983

88.1230, -43.4446,
27.9561

249.5280,
-20.9663, 4.7989

66.2500, -32.6613,
22.5828

252.8340, -8.2992,
1.8996

45.8500, -22.6040,
16.7946

26.0480, -12.8417,

12.2359

■ 2.3920, -1.1793,
4.9182

■ 0.0000, 0.0000,
0.0000

■ 191.6180,
-60.9437, 40.6770

■ 191.6180,
-60.9437, 40.6770

■ 185.3600,
-69.6905, 46.1653

■ 197.8760,
-52.1969, 35.1887

■ 178.5150,
-78.1479, 52.1683

■ 204.7210,
-43.7395, 29.1857

■ 173.3000,
-85.4369, 56.7419

■ 210.8650,
-35.4294, 23.7974

■ 217.7100,
-26.9720, 17.7943

■ 223.9680,
-18.2252, 12.3061

■ 230.8130, -9.7678,
6.3030

■ 237.0710, -1.0210,
0.8147

■ 243.4600, 5.6892,
-4.7884

■ 246.9820, 3.9529,
-7.8772

Harmonies

Analogous

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



186.3920, -44.5633, 60.1692



191.6180, -60.9437, 40.6770



185.7260, -51.6299, -6.7757

Triad

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



191.6180, -60.9437, 40.6770



161.7490, 43.5077, -141.8539



199.2350, 27.4921, 48.9059

Complementary

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



191.6180, -60.9437, 40.6770



114.3820, 60.9437, -40.6770

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.



193.5780, 30.2810, -5.7689



191.6180, -60.9437, 40.6770



158.7970, 47.4281, -139.2650

Square

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



191.6180, -60.9437, 40.6770



154.6810, 16.4263, -135.6552



150.5790, 51.4796, -132.0578



183.8980, 11.8823, 62.3565

Rectangle

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



191.6180, -60.9437, 40.6770



179.5500, -34.7811, -44.3323



150.5790, 51.4796, -132.0578



200.6420, 26.7985, 38.0250

Sweetspot

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



191.6180, -60.9437, 40.6770



240.6260, -19.5356, 12.6060



124.3020, -4.0929, 99.7131



119.0690, -11.3730, 7.8325



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.



191.6180, -60.9437, 40.6770



195.4010, -78.5847, 52.2683



207.5570, -68.8016, -5.7505



116.8710, -4.3734, 2.7441



133.6740, -65.9013, 44.1359



40.8110, -20.1198, 13.3208

Inverse Universe

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



114.3820, 60.9437, -40.6770



95.5990, 78.5847, -52.2683



98.4430, 68.8016, 5.7505



111.1290, 4.3734, -2.7441



50.3260, 65.9013, -44.1359



15.1890, 20.1198, -13.3208

Previews

White Background



This preview shows how the YUV color 191.6180, -60.9437, 40.6770 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 191.6180, -60.9437, 40.6770 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 191.6180, -60.9437, 40.6770

Background



This preview shows how black text looks on a background with the YUV color 191.6180, -60.9437, 40.6770.



This preview shows how white text looks on a background with the YUV color 191.6180, -60.9437, 40.6770.

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

191.6180, -60.9437, 40.6770

Protanopia

190.2850, -59.3005, 26.9371

Deuteranopia

192.0750, -60.6760, 48.1692



Tritanopia

201.5150, -4.1979, 39.8903

Trichromacy



Original Color

191.6180, -60.9437, 40.6770

Protanomaly

190.7910, -60.0430, 31.7553

Deuteranomaly

191.7650, -60.5231, 45.8101

Tritanomaly

197.8360, -24.5691, 40.4858

Monochromacy



Original Color

191.6180, -60.9437, 40.6770

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.9530, -22.1618, 14.9502

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.6180, -60.9437, 40.6770 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(238, 192, 68)` looks like.

```
.text, #text, p{  
    color:rgb(238, 192, 68)  
}
```

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(238, 192, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 192, 68) }
```

Border

The CSS property to change the border of an element to YUV 191.6180, -60.9437, 40.6770 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(238, 192, 68) }
```


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

```
.border{ border-color:rgb(238, 192, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 192, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 192, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 192, 68);  
box-shadow:4px 4px 4px 4px rgb(238, 192,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 191.6180, -60.9437, 40.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 192, 68) }
```

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

```
.background{ background-color: rgb(238,  
192, 68) }
```

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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