

Converting Colors

YUV(184.0090, -60.6434,
37.7031)

Have a look what the booklet for
YUV(184.0090, -60.6434, 37.7031)
contains.

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Color

**YUV(184.0090, -60.6434,
37.7031)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BA3D
RGB	227, 186, 61
RGB Percent	89%, 73%, 24%
CMY	0.1098, 0.2706, 0.7608
CMYK	0.00, 0.18, 0.73, 0.11
HSL	45°, 75%, 56%
HSV	45°, 73%, 89%
XYZ	50.0798, 51.7856, 11.7710
YIQ	184.0090, 64.5610, -30.1830

Conversions

Conversions Part 2

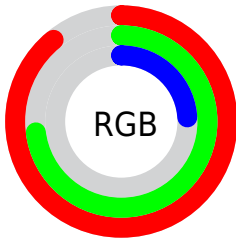
Format	Color
RYB	115, 227, 61
Decimal	14924349
CIELab	77.15, 2.32, 65.33
CIELCh	77, 65.373, 87.964
Yxy	51.7856, 0.4407, 0.4557
Android (android.graphics.Color)	4293114429 (0xFFE3BA3D)
YUV	184.0090, -60.6434, 37.7031
Hunter-Lab	71.9622, -1.7127, 40.6754

Details

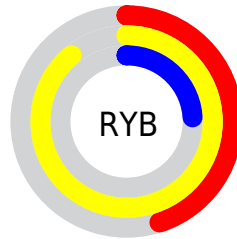
The YUV color **184.0090, -60.6434, 37.7031** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **103.9910, 60.6434, -37.7031**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5230, -56.9528, 20.5893**, and **128.0040, -63.1060, 34.1995** is the 20% darker color. If you saturate the color by 10%, you get **177.8650, -68.9534, 43.0914**, and if you desaturate by 10%, it is **190.1530, -52.3334, 32.3148**.

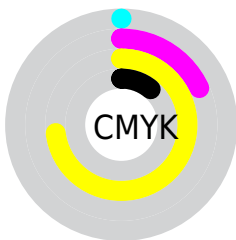
Distribution



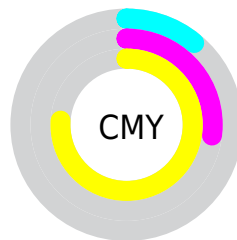
- Red (89%)
- Green (73%)
- Blue (24%)



- Red (45%)
- Yellow (89%)
- Blue (24%)



- Cyan (0%)
- Magenta (18%)
- Yellow (73%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.0090, -60.6434, 37.7031 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 184.0090, -60.6434, 37.7031 by changing the saturation by 10% instead.

■ 184.0090,
-60.6434, 37.7031

■ 184.0090,
-60.6434, 37.7031

■ 255.0000, 0.0000,
0.0000

■ 155.6560,
-61.9484, 36.2587

■ 231.5230,
-56.9528, 20.5893

■ 128.0040,
-63.1060, 34.1995

■ 242.3460,
-48.4846, 11.0976

■ 104.9570,
-51.7438, 29.8557

■ 245.4240,
-36.6910, 8.3982

■ 82.4970, -40.6710,
24.9971

■ 248.7300,
-24.0239, 5.4988

■ 60.6240, -29.8876,
19.6238

■ 252.0360,
-11.3567, 2.5994

■ 40.2240, -19.8304,
13.8356

■ 21.0090, -10.3574,

8.7621

■ 0.0000, 0.0000,
0.0000

■ 184.0090,
-60.6434, 37.7031

■ 184.0090,
-60.6434, 37.7031

■ 177.8650,
-68.9534, 43.0914

■ 190.1530,
-52.3334, 32.3148

■ 172.4220,
-77.1160, 47.8649

■ 195.5960,
-44.1708, 27.5413

■ 168.2500,
-82.9472, 51.5237

■ 201.7400,
-35.8608, 22.1530

■ 207.2970,
-27.2614, 17.2795

■ 213.4410,
-18.9514, 11.8912

■ 219.4710,
-11.0782, 6.6029

■ 225.0280, -2.4788,
1.7294

■ 231.1720, 5.8312,
-3.6588

■ 235.4750, 9.6258,
-7.4326

Harmonies

Analogous

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



181.9580, -46.3213, 64.0578



184.0090, -60.6434, 37.7031



178.3450, -50.4561, -9.9496

Triad

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



184.0090, -60.6434, 37.7031



156.5970, 44.0757, -137.3356



193.9520, 30.0967, 53.5391

Complementary

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



184.0090, -60.6434, 37.7031



103.9910, 60.6434, -37.7031

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.



187.6970, 33.1804, -2.3653



184.0090, -60.6434, 37.7031



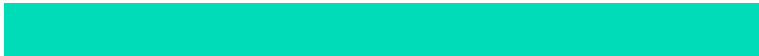
154.1010, 49.7432, -135.1466

Square

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



184.0090, -60.6434, 37.7031



150.1160, 16.7048, -131.6517



145.2960, 54.0841, -127.4246



178.5350, 9.1032, 67.0598

Rectangle

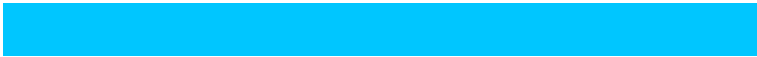
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



184.0090, -60.6434, 37.7031



171.3970, -32.7337, -47.7062



145.2960, 54.0841, -127.4246



194.1630, 29.9926, 40.1990

Sweetspot

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



184.0090, -60.6434, 37.7031



240.3980, -20.4092, 12.8060



115.4220, -6.1240, 97.8539



118.8410, -12.2466, 8.0324



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.



184.0090, -60.6434, 37.7031



197.1790, -81.9262, 50.7090



195.8170, -66.4648, -8.6095



111.8710, -4.3734, 2.7441



132.1790, -65.1642, 41.0620



37.5550, -18.5146, 11.7913

Inverse Universe

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



103.9910, 60.6434, -37.7031



88.8210, 81.9262, -50.7090



92.4820, 66.3174, 9.2243



106.1290, 4.3734, -2.7441



46.2340, 65.4536, -40.5472



13.4450, 18.5146, -11.7913

Previews

White Background



This preview shows how the YUV color 184.0090, -60.6434, 37.7031 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 184.0090, -60.6434, 37.7031 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 184.0090, -60.6434, 37.7031

Background



This preview shows how black text looks on a background with the YUV color 184.0090, -60.6434, 37.7031.



This preview shows how white text looks on a background with the YUV color 184.0090, -60.6434, 37.7031.

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

184.0090, -60.6434, 37.7031

Protanopia

182.8720, -59.5899, 26.4223

Deuteranopia

184.8900, -60.0918, 47.4545



Tritanopia

194.0200, -3.4609, 36.8165

Trichromacy



Original Color

184.0090, -60.6434, 37.7031

Protanomaly

183.1930, -59.7481, 30.5257

Deuteranomaly

184.7540, -60.5177, 44.0657

Tritanomaly

190.2270, -24.2689, 37.5119

Monochromacy



Original Color

184.0090, -60.6434, 37.7031

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

184.2410, -22.3038, 13.8206

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.0090, -60.6434, 37.7031 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(227, 186, 61)` looks like.

```
.text, #text, p{  
    color:rgb(227, 186, 61)  
}
```

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(227, 186, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 186, 61) }
```

Border

The CSS property to change the border of an element to YUV 184.0090, -60.6434, 37.7031 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(227, 186, 61) }
```


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

```
.border{ border-color:rgb(227, 186, 61) }
```

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

Here you see how a box with a 4 pixel rgb(227, 186, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 186, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 186, 61);  
box-shadow:4px 4px 4px 4px rgb(227, 186,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 184.0090, -60.6434, 37.7031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 186, 61) }
```

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

```
.background{ background-color: rgb(227,  
186, 61) }
```

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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