

Converting Colors

YUV(194.3460, -41.5826,
37.4076)

Have a look what the booklet for
YUV(194.3460, -41.5826, 37.4076)
contains.

YUV(194.3460, -41.5826, 37.4076)	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(194.3460, -41.5826,
37.4076)**

Conversions

Conversions Part 1

Format	Color
Hex	EDBD6E
RGB	237, 189, 110
RGB Percent	93%, 74%, 43%
CMY	0.0706, 0.2588, 0.5686
CMYK	0.00, 0.20, 0.54, 0.07
HSL	37°, 78%, 68%
HSV	37°, 54%, 93%
XYZ	55.9371, 55.5255, 22.5211
YIQ	194.3460, 53.9670, -14.3930

Conversions

Conversions Part 2

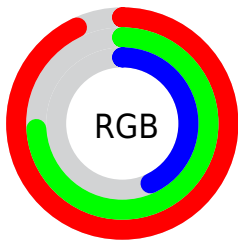
Format	Color
RYB	187, 237, 110
Decimal	15580526
CIELab	79.34, 8.05, 46.11
CIELCh	79, 46.803, 80.098
Yxy	55.5255, 0.4175, 0.4144
Android (android.graphics.Color)	4293770606 (0xFFEDBD6E)
YUV	194.3460, -41.5826, 37.4076
Hunter-Lab	74.5154, 3.5941, 34.2413

Details

The YUV color $194.3460, -41.5826, 37.4076$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $152.6540, 41.5826, -37.4076$, and the grayscale version is $195.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.6420, -37.2915, 14.3460$, and $139.7800, -39.8245, 33.5189$ is the 20% darker color. If you saturate the color by 10%, you get $186.3270, -49.4612, 44.4402$, and if you desaturate by 10%, it is $202.3650, -33.7039, 30.3749$.

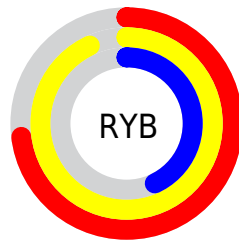
Distribution



Red (93%)

Green (74%)

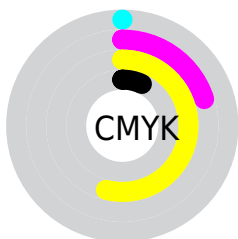
Blue (43%)



Red (73%)

Yellow (93%)

Blue (43%)

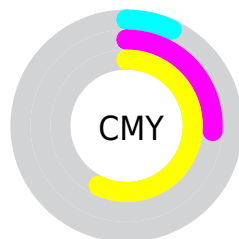


Cyan (0%)

Magenta (20%)

Yellow (54%)

Black (7%)



Cyan (7%)

Magenta (26%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.3460, -41.5826, 37.4076 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 194.3460, -41.5826, 37.4076 by changing the saturation by 10% instead.

194.3460,
-41.5826, 37.4076

194.3460,
-41.5826, 37.4076

255.0000, 0.0000,
0.0000

166.5630,
-40.7036, 35.4632

238.6420,
-37.2915, 14.3460

139.7800,
-39.8245, 33.5189

247.7040,
-27.9551, 6.3986

113.8830,
-39.3823, 31.6746

250.8960,
-15.7247, 3.5992

87.5300, -40.6873,
30.2302

254.2020, -3.0576,
0.6998

65.3860, -32.2353,
25.9715

44.3990, -21.8887,
20.6981

25.1840, -12.4157,

15.6246

■ 3.8870, -1.9163,
7.9921

■ 0.0000, 0.0000,
0.0000

■ 194.3460,
-41.5826, 37.4076

■ 194.3460,
-41.5826, 37.4076

■ 186.3270,
-49.4612, 44.4402

■ 202.3650,
-33.7039, 30.3749

■ 178.4220,
-56.9030, 51.3729

■ 210.2700,
-26.2621, 23.4422

■ 170.4030,
-64.7817, 58.4056

■ 218.2890,
-18.3835, 16.4095

■ 162.3840,
-72.6603, 65.4382

■ 226.3080,
-10.5048, 9.3769

157.1520,
-77.4759, 70.0267

234.2130, -3.0630,
2.4442

242.2320, 4.8156,
-4.5885

247.8570, 3.5215,
-9.5216

249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



193.3170, -30.7223, 54.0960



194.3460, -41.5826, 37.4076



190.3480, -38.1326, 4.0798

Triad

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



194.3460, -41.5826, 37.4076



154.2030, 34.9029, -135.2360



201.8430, 25.2204, 30.8327

Complementary

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



194.3460, -41.5826, 37.4076



152.6540, 41.5826, -37.4076

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.



194.7080, 29.7240, -13.7759



194.3460, -41.5826, 37.4076



155.2750, 49.1644, -136.1762

Square

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



194.3460, -41.5826, 37.4076



173.5910, 3.1596, -80.3253



179.0060, 37.4650, -70.1653



196.2080, 8.2785, 51.5606

Rectangle

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



194.3460, -41.5826, 37.4076



186.3000, -28.7419, -21.3111



179.0060, 37.4650, -70.1653



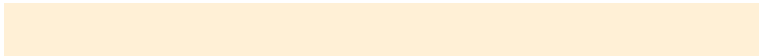
200.5100, 26.8636, 17.0927

Sweetspot

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



194.3460, -41.5826, 37.4076



241.5210, -13.5679, 11.8211



153.5590, 2.6824, 73.1778



119.2800, -8.0260, 7.6474



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.



194.3460, -41.5826, 37.4076



200.0240, -53.2558, 48.2140



218.0370, -53.2622, 3.4756



113.3980, -3.6472, 3.1590



120.4500, -59.3819, 53.1023



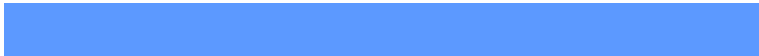
35.5170, -17.5099, 16.2096

Inverse Universe

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



152.6540, 41.5826, -37.4076



146.3890, 53.5452, -47.6992



128.9630, 53.2622, -3.4756



109.6020, 3.6472, -3.1590



60.5500, 59.3819, -53.1023



17.8960, 17.7993, -15.6948

Previews

White Background



This preview shows how the YUV color 194.3460, -41.5826, 37.4076 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 194.3460, -41.5826, 37.4076 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 194.3460, -41.5826, 37.4076

Background



This preview shows how black text looks on a background with the YUV color 194.3460, -41.5826, 37.4076.



This preview shows how white text looks on a background with the YUV color 194.3460, -41.5826, 37.4076.

37.4076.

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

194.3460, -41.5826, 37.4076

Protanopia

193.1050, -39.4918, 20.0789

Deuteranopia

194.6560, -41.7354, 39.7667



Tritanopia

200.0310, -3.4663, 38.5608

Trichromacy



Original Color

194.3460, -41.5826, 37.4076

Protanomaly

193.6220, -40.2396, 26.6415

Deuteranomaly

194.3570, -41.5880, 39.1519

Tritanomaly

198.0620, -17.2856, 37.6566

Monochromacy



Original Color

194.3460, -41.5826, 37.4076

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.0760, -15.3205, 13.9653

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.3460, -41.5826, 37.4076 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(237, 189, 110)` looks like.

```
.text, #text, p{  
    color:rgb(237, 189, 110)  
}
```

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(237, 189, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 189, 110) }
```

Border

The CSS property to change the border of an element to YUV 194.3460, -41.5826, 37.4076 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(237, 189, 110) }
```


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

```
.border{ border-color:rgb(237, 189, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 189, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 189, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 189, 110); box-shadow:4px 4px 4px 4px rgb(237, 189, 110) }
```

Background

The CSS property to change the background color of an element to YUV 194.3460, -41.5826, 37.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 189, 110) }
```

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

```
.background{ background-color: rgb(237,  
189, 110) }
```

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