

Converting Colors

YUV(191.3390, -34.1841,
44.4297)

Have a look what the booklet for
YUV(191.3390, -34.1841, 44.4297)
contains.

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Color

**YUV(191.3390, -34.1841,
44.4297)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B37A
RGB	242, 179, 122
RGB Percent	95%, 70%, 48%
CMY	0.0510, 0.2980, 0.5216
CMYK	0.00, 0.26, 0.50, 0.05
HSL	28°, 82%, 71%
HSV	28°, 50%, 95%
XYZ	56.2509, 52.5226, 25.5855
YIQ	191.3390, 55.8450, -4.3710

Conversions

Conversions Part 2

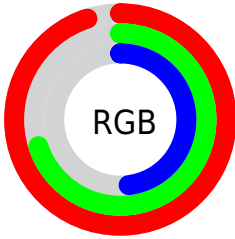
Format	Color
R _Y B	242, 231, 122
Decimal	15905658
CIE Lab	77.59, 16.38, 37.95
CIE LCh	78, 41.332, 66.658
Yxy	52.5226, 0.4187, 0.3909
Android (android.graphics.Color)	4294095738 (0xFFFF2B37A)
YUV	191.3390, -34.1841, 44.4297
Hunter-Lab	72.4725, 11.7194, 29.7991

Details

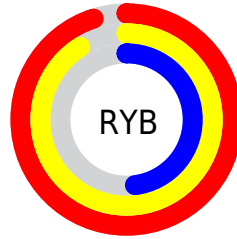
The YUV color $191.3390, -34.1841, 44.4297$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $172.6610, 34.1841, -44.4297$, and the grayscale version is $192.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.1400, -29.1560, 18.2942$, and $136.8870, -31.9893, 40.4411$ is the 20% darker color. If you saturate the color by 10%, you get $180.9720, -40.9052, 53.5216$, and if you desaturate by 10%, it is $201.7060, -27.4631, 35.3378$.

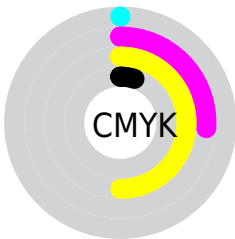
Distribution



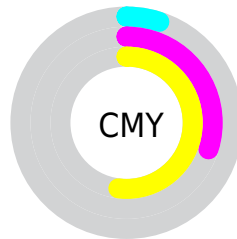
- Red (95%)
- Green (70%)
- Blue (48%)



- Red (95%)
- Yellow (91%)
- Blue (48%)



- Cyan (0%)
- Magenta (26%)
- Yellow (50%)
- Black (5%)



- Cyan (5%)
- Magenta (30%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.3390, -34.1841, 44.4297 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 191.3390, -34.1841, 44.4297 by changing the saturation by 10% instead.

191.3390,
-34.1841, 44.4297

191.3390,
-34.1841, 44.4297

255.0000, 0.0000,
0.0000

163.6700,
-32.8683, 42.3854

234.1400,
-29.1560, 18.2942

136.8870,
-31.9893, 40.4411

249.0720,
-22.7135, 5.1989

111.1040,
-31.1103, 38.4968

252.2640,
-10.4832, 2.3995

86.0220, -30.0838,
35.9377

61.2990, -30.2204,
33.0638

40.6110, -20.0212,
28.4052

20.7980, -10.2534,

22.1022

■ 4.4850, -2.2111,
9.2217

■ 0.0000, 0.0000,
0.0000

■ 191.3390,
-34.1841, 44.4297

■ 191.3390,
-34.1841, 44.4297

■ 180.9720,
-40.9052, 53.5216

■ 201.7060,
-27.4631, 35.3378

■ 171.1920,
-47.9157, 62.0986

■ 211.4860,
-20.4526, 26.7608

■ 160.7110,
-55.0735, 71.2905

■ 221.9670,
-13.2947, 17.5689

■ 150.3440,
-61.7946, 80.3823

■ 232.3340, -6.5737,
8.4771

■ 139.9770,
-68.5157, 89.4742

■ 242.7010, 0.1474,
-0.6148

■ 139.8630,
-68.9525, 89.5741

■ 251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



191.1460, -21.2710, 56.0000



191.3390, -34.1841, 44.4297



188.3050, -36.1394, 18.1495

Triad

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



191.3390, -34.1841, 44.4297



166.8640, 15.8430, -88.4577



195.8080, 28.1957, 9.8154

Complementary

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



191.3390, -34.1841, 44.4297



172.6610, 34.1841, -44.4297

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.



187.2110, 33.4200, -32.6340



191.3390, -34.1841, 44.4297



155.8550, 39.5115, -120.0218

Square

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



191.3390, -34.1841, 44.4297



177.3900, -8.5733, -50.3310



173.3360, 40.2604, -80.1017



196.7170, 12.9575, 44.0982

Rectangle

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



191.3390, -34.1841, 44.4297



185.7260, -31.4169, -3.2677



173.3360, 40.2604, -80.1017



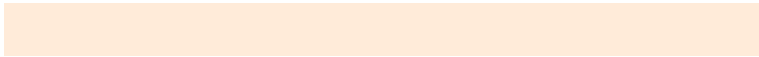
193.3010, 30.4176, -2.8950

Sweetspot

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



191.3390, -34.1841, 44.4297



238.9280, -10.8105, 14.0951



165.1760, 10.2662, 67.3746



117.7470, -6.2843, 8.9919



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.



191.3390, -34.1841, 44.4297



190.5980, -43.6788, 56.4806



225.9720, -51.2582, 14.0566



115.1100, -3.5052, 4.2885



106.0850, -52.2999, 68.3315



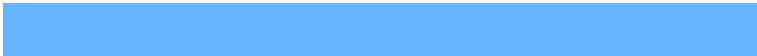
32.5930, -16.0683, 20.5279

Inverse Universe

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



172.6610, 34.1841, -44.4297



166.4020, 43.6788, -56.4806



138.0280, 51.2582, -14.0566



112.8900, 3.5052, -4.2885



77.3280, 52.5893, -67.8167



23.4070, 16.0683, -20.5279

Previews

White Background



This preview shows how the YUV color 191.3390, -34.1841, 44.4297 looks on a white background.

Color Contrast Check

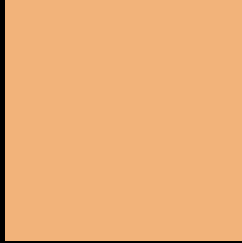
Large Text (above 18pt) WCAG AA × Fail

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 191.3390, -34.1841, 44.4297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

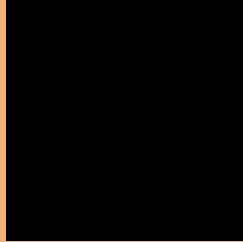
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 191.3390, -34.1841, 44.4297

Background



This preview shows how black text looks on a background with the YUV color 191.3390, -34.1841, 44.4297.



This preview shows how white text looks on a background with the YUV color 191.3390, -34.1841, 44.4297.

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

191.3390, -34.1841, 44.4297

Protanopia

189.3740, -30.7504, 16.3350

Deuteranopia

190.5830, -34.3044, 36.3227



Tritanopia

195.2060, -5.5246, 45.4233

Trichromacy



Original Color

191.3390, -34.1841, 44.4297

Protanomaly

189.7990, -31.9459, 26.4863

Deuteranomaly

191.1920, -34.6047, 39.2966

Tritanomaly

193.7470, -16.1443, 44.9489

Monochromacy



Original Color

191.3390, -34.1841, 44.4297

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.4830, -12.5631, 16.2394

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.3390, -34.1841, 44.4297 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(242, 179, 122)` looks like.

```
.text, #text, p{  
    color:rgb(242, 179, 122)  
}
```

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(242, 179, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 179, 122) }
```

Border

The CSS property to change the border of an element to YUV 191.3390, -34.1841, 44.4297 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(242, 179, 122) }
```


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

```
.border{ border-color:rgb(242, 179, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 179, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 179, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 179, 122);  
box-shadow:4px 4px 4px 4px rgb(242, 179,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 191.3390, -34.1841, 44.4297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 179, 122) }
```

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

```
.background{ background-color: rgb(242,  
179, 122) }
```

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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