

Converting Colors

YUV(203.3680, -41.5934,
40.8963)

Have a look what the booklet for
YUV(203.3680, -41.5934, 40.8963)
contains.

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Color

**YUV(203.3680, -41.5934,
40.8963)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC477
RGB	250, 196, 119
RGB Percent	98%, 77%, 47%
CMY	0.0196, 0.2314, 0.5333
CMYK	0.00, 0.22, 0.52, 0.02
HSL	35°, 93%, 72%
HSV	35°, 52%, 98%
XYZ	62.4940, 61.1358, 25.9594
YIQ	203.3680, 56.9010, -12.4990

Conversions

Conversions Part 2

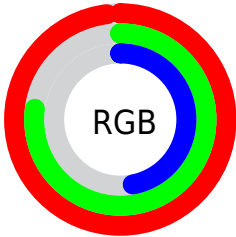
Format	Color
R _Y B	211, 250, 119
Decimal	16434295
CIE Lab	82.45, 10.42, 45.73
CIE LCh	82, 46.901, 77.164
Yxy	61.1358, 0.4178, 0.4087
Android (android.graphics.Color)	4294624375 (0xFFFA477)
YUV	203.3680, -41.5934, 40.8963
Hunter-Lab	78.1894, 5.8375, 35.0479

Details

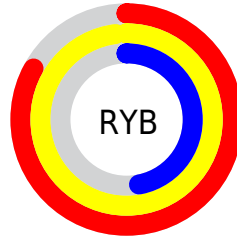
The YUV color $203.3680, -41.5934, 40.8963$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $165.6320, 41.5934, -40.8963$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.4780, -35.2387, 9.2278$, and $148.2150, -39.5460, 37.5224$ is the 20% darker color. If you saturate the color by 10%, you get $194.6480, -49.6195, 48.5437$, and if you desaturate by 10%, it is $212.0880, -33.5674, 33.2488$.

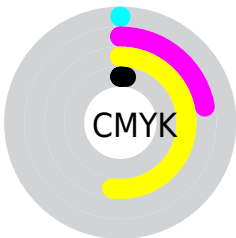
Distribution



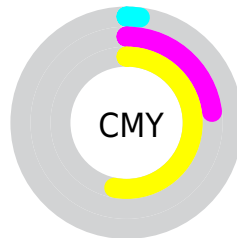
- Red (98%)
- Green (77%)
- Blue (47%)



- Red (83%)
- Yellow (98%)
- Blue (47%)



- Cyan (0%)
- Magenta (22%)
- Yellow (52%)
- Black (2%)



- Cyan (2%)
- Magenta (23%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.3680, -41.5934, 40.8963 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 203.3680, -41.5934, 40.8963 by changing the saturation by 10% instead.

203.3680,
-41.5934, 40.8963

203.3680,
-41.5934, 40.8963

255.0000, 0.0000,
0.0000

175.5850,
-40.7144, 38.9520

244.4780,
-35.2387, 9.2278

148.2150,
-39.5460, 37.5224

248.7300,
-24.0239, 5.4988

122.0190,
-38.9564, 35.0633

252.0360,
-11.3567, 2.5994

96.0080, -38.9509,
33.3190

72.1970, -35.5931,
29.6452

51.2100, -25.2465,
24.3718

31.1090, -15.3367,

19.1984

■ 8.6710, -4.2748,
17.8285

■ 0.0000, 0.0000,
0.0000

■ 203.3680,
-41.5934, 40.8963

■ 203.3680,
-41.5934, 40.8963

■ 194.6480,
-49.6195, 48.5437

■ 212.0880,
-33.5674, 33.2488

■ 185.3410,
-57.3561, 56.7059

■ 221.3950,
-25.8307, 25.0866

■ 176.6210,
-65.3822, 64.3534

■ 230.1150,
-17.8047, 17.4391

■ 167.9010,
-73.4082, 72.0008

■ 238.8350, -9.7787,
9.7917

161.0390,
-79.3922, 78.0188

248.1420, -2.0420,
1.6295

253.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



198.6800, -27.9432, 49.3926



203.3680, -41.5934, 40.8963



199.6150, -39.7432, 7.3536

Triad

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



203.3680, -41.5934, 40.8963



160.0560, 34.4824, -140.3691



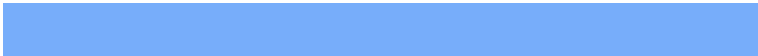
209.1370, 22.6105, 27.9439

Complementary

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



203.3680, -41.5934, 40.8963



165.6320, 41.5934, -40.8963

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.



201.1760, 26.5352, -17.6944



203.3680, -41.5934, 40.8963



161.1450, 46.2705, -141.3242

Square

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



203.3680, -41.5934, 40.8963



183.5270, 0.2332, -75.0072



185.4740, 34.2763, -74.0837



202.9730, 11.3523, 45.6277

Rectangle

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



203.3680, -41.5934, 40.8963



195.7520, -30.9367, -17.3225



185.4740, 34.2763, -74.0837



207.5760, 23.3800, 14.4038

Sweetspot

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



203.3680, -41.5934, 40.8963



240.3470, -12.9891, 12.8507



164.4390, 4.7136, 75.0370



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.



203.3680, -41.5934, 40.8963



197.9040, -51.2247, 50.0732



231.7770, -55.5991, 6.3346



120.5830, -4.2314, 3.8737



121.6680, -59.9823, 59.0502



39.3710, -19.4099, 18.9686

Inverse Universe

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



165.6320, 41.5934, -40.8963



151.6830, 50.9353, -50.5880



137.2230, 55.5991, -6.3346



117.0040, 3.9420, -4.3885



67.3320, 59.9823, -59.0502



21.6290, 19.4099, -18.9686

Previews

White Background



This preview shows how the YUV color 203.3680, -41.5934, 40.8963 looks on a white background.

Color Contrast Check

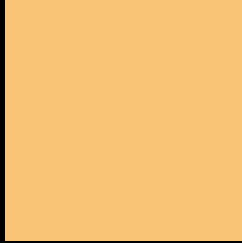
Large Text (above 18pt) WCAG AA × Fail

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 203.3680, -41.5934, 40.8963 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 203.3680, -41.5934, 40.8963

Background



This preview shows how black text looks on a background with the YUV color 203.3680, -41.5934, 40.8963.



This preview shows how white text looks on a background with the YUV color 203.3680, -41.5934,

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

203.3680, -41.5934, 40.8963

Protanopia

201.5180, -39.2024, 20.5937

Deuteranopia

203.3680, -41.5934, 40.8963



Tritanopia

208.9280, -3.9085, 40.4051

Trichromacy



Original Color

203.3680, -41.5934, 40.8963

Protanomaly

202.3340, -40.0977, 27.7711

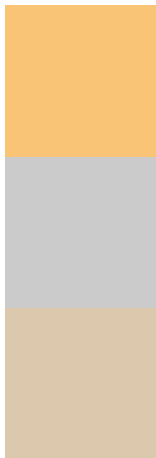
Deuteranomaly

203.3680, -41.5934, 40.8963

Tritanomaly

206.6710, -17.5858, 40.6305

Monochromacy



Original Color

203.3680, -41.5934, 40.8963

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.7880, -15.1785, 15.0949

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.3680, -41.5934, 40.8963 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(250, 196, 119)` looks like.

```
.text, #text, p{  
    color:rgb(250, 196, 119)  
}
```

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(250, 196, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 196, 119) }
```

Border

The CSS property to change the border of an element to YUV 203.3680, -41.5934, 40.8963 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(250, 196, 119) }
```


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

```
.border{ border-color:rgb(250, 196, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 196, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 196, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 196, 119);  
box-shadow:4px 4px 4px 4px rgb(250, 196,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 203.3680, -41.5934, 40.8963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 196, 119) }
```

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

```
.background{ background-color: rgb(250,  
196, 119) }
```

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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