

Converting Colors

YUV(204.0240, -36.4938,
38.5670)

Have a look what the booklet for
YUV(204.0240, -36.4938, 38.5670)
contains.

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Color

**YUV(204.0240, -36.4938,
38.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C482
RGB	248, 196, 130
RGB Percent	97%, 77%, 51%
CMY	0.0275, 0.2314, 0.4902
CMYK	0.00, 0.21, 0.48, 0.03
HSL	34°, 89%, 74%
HSV	34°, 48%, 97%
XYZ	62.4806, 61.0480, 29.6095
YIQ	204.0240, 52.1780, -9.5020

Conversions

Conversions Part 2

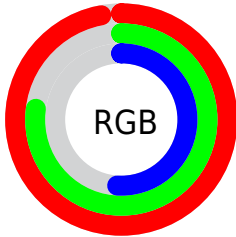
Format	Color
R _Y B	223, 248, 130
Decimal	16303234
CIE Lab	82.40, 10.59, 40.09
CIE LCh	82, 41.464, 75.200
Yxy	61.0480, 0.4080, 0.3986
Android (android.graphics.Color)	4294493314 (0xFFFF8C482)
YUV	204.0240, -36.4938, 38.5670
Hunter-Lab	78.1332, 6.0075, 32.2247

Details

The YUV color $204.0240, -36.4938, 38.5670$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $173.9760, 36.4938, -38.5670$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.7320, -30.4339, 8.1280$, and $148.8710, -34.4464, 35.1931$ is the 20% darker color. If you saturate the color by 10%, you get $194.7170, -44.2305, 46.7292$, and if you desaturate by 10%, it is $213.3310, -28.7572, 30.4047$.

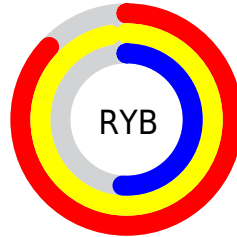
Distribution



Red (97%)

Green (77%)

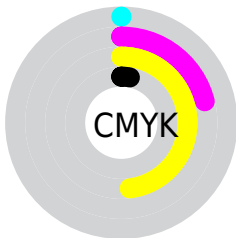
Blue (51%)



Red (87%)

Yellow (97%)

Blue (51%)

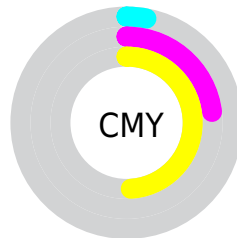


Cyan (0%)

Magenta (21%)

Yellow (48%)

Black (3%)



Cyan (3%)

Magenta (23%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.0240, -36.4938, 38.5670 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 204.0240, -36.4938, 38.5670 by changing the saturation by 10% instead.

204.0240,
-36.4938, 38.5670

204.0240,
-36.4938, 38.5670

255.0000, 0.0000,
0.0000

176.2410,
-35.6148, 36.6226

245.7320,
-30.4339, 8.1280

148.8710,
-34.4464, 35.1931

250.0980,
-18.7823, 4.2991

123.0880,
-33.5674, 33.2488

253.2900, -6.5520,
1.4997

97.3050, -32.6884,
31.3045

72.4680, -33.2617,
28.5306

50.6230, -24.9571,
24.8866

31.1090, -15.3367,

19.1984

■ 8.6710, -4.2748,
17.8285

■ 0.0000, 0.0000,
0.0000

■ 204.0240,
-36.4938, 38.5670

■ 204.0240,
-36.4938, 38.5670

■ 194.7170,
-44.2305, 46.7292

■ 213.3310,
-28.7572, 30.4047

■ 185.4100,
-51.9671, 54.8914

■ 222.6380,
-21.0205, 22.2425

■ 176.2170,
-59.2670, 62.9537

■ 231.8310,
-13.7207, 14.1802

■ 166.9100,
-67.0036, 71.1159

■ 241.1380, -5.9840,
6.0180

■ 157.6030,
-74.7403, 79.2782

■ 250.4450, 1.7526,
-2.1443

■ 155.7450,
-76.7823, 80.9076

■ 252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



200.9940, -24.1540, 47.3633



204.0240, -36.4938, 38.5670



200.4780, -35.2387, 9.2278

Triad

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



204.0240, -36.4938, 38.5670



178.8290, 22.2693, -96.3200



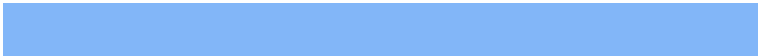
209.6910, 22.3373, 22.1960

Complementary

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



204.0240, -36.4938, 38.5670



173.9760, 36.4938, -38.5670

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.



201.7630, 26.2458, -18.2092



204.0240, -36.4938, 38.5670



177.6120, 38.1523, -104.0227

Square

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



204.0240, -36.4938, 38.5670



188.6320, -2.2836, -61.0673



190.2580, 31.9178, -64.2473



205.9080, 9.9054, 43.0537

Rectangle

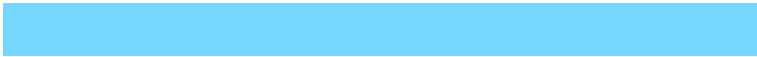
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204.0240, -36.4938, 38.5670



197.4690, -28.3322, -12.6893



190.2580, 31.9178, -64.2473



207.2550, 23.5383, 10.3004

Sweetspot

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



204.0240, -36.4938, 38.5670



241.5040, -11.0945, 11.8360



171.3240, 5.7563, 67.2449



119.6220, -6.7156, 7.3475



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.



204.0240, -36.4938, 38.5670



200.9020, -44.8147, 47.4439



232.7540, -50.6577, 8.1087



119.9960, -3.9420, 4.3885



118.7330, -58.5354, 61.6242



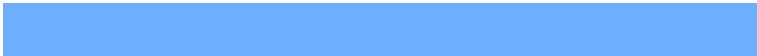
38.1970, -18.8311, 19.9982

Inverse Universe

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



173.9760, 36.4938, -38.5670



164.0980, 44.8147, -47.4439



145.2460, 50.6577, -8.1087



117.0040, 3.9420, -4.3885



70.2670, 58.5354, -61.6242



22.8030, 18.8311, -19.9982

Previews

White Background



This preview shows how the YUV color 204.0240, -36.4938, 38.5670 looks on a white background.

Color Contrast Check

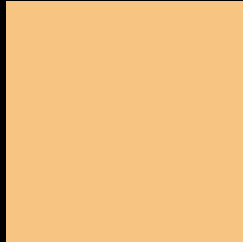
Large Text (above 18pt) WCAG AA × Fail

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 204.0240, -36.4938, 38.5670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

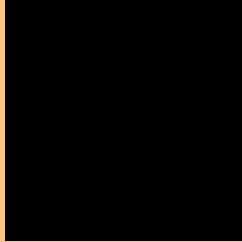
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.0240, -36.4938, 38.5670

Background



This preview shows how black text looks on a background with the YUV color 204.0240, -36.4938, 38.5670.



This preview shows how white text looks on a background with the YUV color 204.0240, -36.4938,

38.5670.

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

204.0240, -36.4938, 38.5670

Protanopia

202.2880, -33.6660, 18.1644

Deuteranopia

204.0240, -36.4938, 38.5670



Tritanopia

208.9280, -3.9085, 40.4051

Trichromacy



Original Color

204.0240, -36.4938, 38.5670

Protanomaly

203.1040, -34.5613, 25.3418

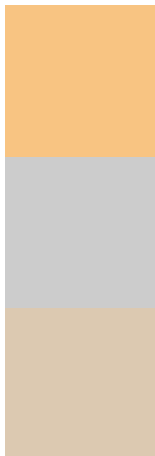
Deuteranomaly

204.0240, -36.4938, 38.5670

Tritanomaly

206.8280, -15.6912, 39.6158

Monochromacy



Original Color

204.0240, -36.4938, 38.5670

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.9450, -13.2839, 14.0802

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.0240, -36.4938, 38.5670 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(248, 196, 130)` looks like.

```
.text, #text, p{  
    color:rgb(248, 196, 130)  
}
```

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(248, 196, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 196, 130) }
```

Border

The CSS property to change the border of an element to YUV 204.0240, -36.4938, 38.5670 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(248, 196, 130) }
```


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

```
.border{ border-color:rgb(248, 196, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 196, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 196, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 196, 130); box-shadow:4px 4px 4px 4px rgb(248, 196, 130) }
```

Background

The CSS property to change the background color of an element to YUV 204.0240, -36.4938, 38.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 196, 130) }
```

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

```
.background{ background-color: rgb(248,  
196, 130) }
```

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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