

Converting Colors

YUV(196.3540, -47.0095,
51.4325)

Have a look what the booklet for
YUV(196.3540, -47.0095, 51.4325)
contains.

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Color

**YUV(196.3540, -47.0095,
51.4325)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB965
RGB	255, 185, 101
RGB Percent	100%, 73%, 40%
CMY	0.0000, 0.2745, 0.6039
CMYK	0.00, 0.27, 0.60, 0.00
HSL	33°, 100%, 70%
HSV	33°, 60%, 100%
XYZ	60.9379, 56.8975, 20.0825
YIQ	196.3540, 68.6840, -11.2840

Conversions

Conversions Part 2

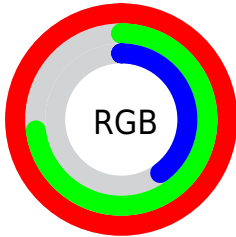
Format	Color
R_{YB}	229, 255, 101
Decimal	16759141
CIE _{Lab}	80.12, 16.82, 51.88
CIE _{LCh}	80, 54.541, 72.035
Yxy	56.8975, 0.4418, 0.4125
Android (android.graphics.Color)	4294949221 (0xFFFFB965)
YUV	196.3540, -47.0095, 51.4325
Hunter-Lab	75.4304, 12.2014, 37.0160

Details

The YUV color **196.3540, -47.0095, 51.4325** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **159.6460, 47.0095, -51.4325**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.2680, -40.0651, 17.3050**, and **141.4890, -45.1041, 46.9291** is the 20% darker color. If you saturate the color by 10%, you get **186.3460, -54.8936, 60.2096**, and if you desaturate by 10%, it is **206.2480, -39.5623, 42.7555**.

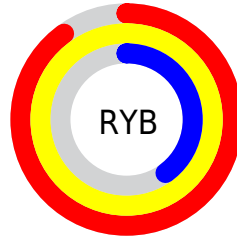
Distribution



Red (100%)

Green (73%)

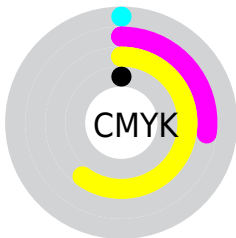
Blue (40%)



Red (90%)

Yellow (100%)

Blue (40%)

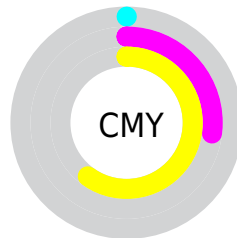


Cyan (0%)

Magenta (27%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.3540, -47.0095, 51.4325 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 196.3540, -47.0095, 51.4325 by changing the saturation by 10% instead.

196.3540,
-47.0095, 51.4325

196.3540,
-47.0095, 51.4325

255.0000, 0.0000,
0.0000

168.5710,
-46.1305, 49.4882

235.2680,
-40.0651, 17.3050

141.4890,
-45.1041, 46.9291

246.6780,
-31.8863, 7.2984

114.7660,
-45.2406, 44.0552

249.8700,
-19.6559, 4.4990

88.7980, -43.7774,
41.3962

253.0620, -7.4256,
1.6996

66.9250, -32.9940,
36.0228

45.6390, -22.5000,
30.1346

25.8260, -12.7322,

23.8316

■ 9.3830, -4.1328,
18.9581

■ 0.0000, 0.0000,
0.0000

■ 196.3540,
-47.0095, 51.4325

■ 196.3540,
-47.0095, 51.4325

■ 186.3460,
-54.8936, 60.2096

■ 206.2480,
-39.5623, 42.7555

■ 177.0390,
-62.6302, 68.3718

■ 215.6690,
-31.3888, 34.4933

■ 167.0310,
-70.5143, 77.1488

■ 225.6770,
-23.5048, 25.7163

■ 157.8380,
-77.8141, 85.2111

■ 234.9840,
-15.7681, 17.5540

244.8780, -8.3209,
8.8770

254.8860, -0.4368,
0.1000

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



189.4360, -27.8229, 57.4996



196.3540, -47.0095, 51.4325



192.3080, -47.4798, 15.5159

Triad

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



196.3540, -47.0095, 51.4325



156.9270, 30.1090, -137.6250



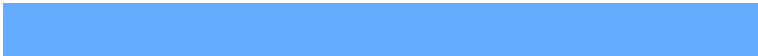
201.7390, 26.2577, 24.7849

Complementary

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



196.3540, -47.0095, 51.4325



159.6460, 47.0095, -51.4325

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.



190.1570, 31.9676, -33.4637



196.3540, -47.0095, 51.4325



159.3840, 47.1387, -139.7798

Square

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



196.3540, -47.0095, 51.4325



172.8480, -3.3761, -84.0587



154.1010, 49.7432, -135.1466



197.0860, 16.7196, 50.7906

Rectangle

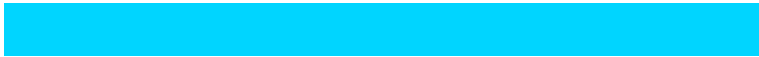
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



196.3540, -47.0095, 51.4325



188.5970, -39.2413, -13.6786



154.1010, 49.7432, -135.1466



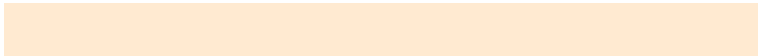
198.9710, 27.6223, 7.0414

Sweetspot

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



196.3540, -47.0095, 51.4325



237.4290, -14.0155, 15.4098



155.2540, 8.7488, 87.4772



117.0630, -8.9051, 9.5917



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.



196.3540, -47.0095, 51.4325



185.3030, -56.3514, 61.1243



235.9490, -66.5299, 12.3227



122.9960, -3.9420, 4.3885



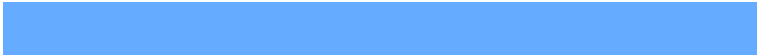
118.1570, -58.2514, 63.8833



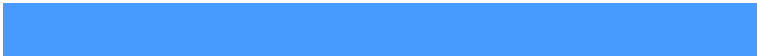
39.6810, -19.5627, 21.3278

Inverse Universe

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



159.6460, 47.0095, -51.4325



141.2840, 56.0620, -61.6391



120.0510, 66.5299, -12.3227



120.0040, 3.9420, -4.3885



72.8430, 58.2514, -63.8833



24.3190, 19.5627, -21.3278

Previews

White Background



This preview shows how the YUV color 196.3540, -47.0095, 51.4325 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 196.3540, -47.0095, 51.4325 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 196.3540, -47.0095, 51.4325

Background



This preview shows how black text looks on a background with the YUV color 196.3540, -47.0095, 51.4325.



This preview shows how white text looks on a background with the YUV color 196.3540, -47.0095,

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

196.3540, -47.0095, 51.4325

Protanopia

194.3780, -43.5704, 21.5935

Deuteranopia

196.1850, -47.4192, 42.8108



Tritanopia

202.3910, -6.1088, 46.1381

Trichromacy



Original Color

196.3540, -47.0095, 51.4325

Protanomaly

195.1020, -44.9133, 32.3595

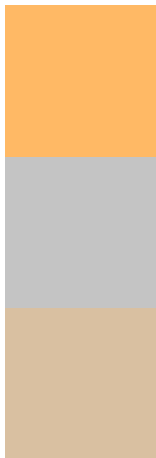
Deuteranomaly

196.2070, -47.4301, 46.2995

Tritanomaly

200.5040, -20.9545, 47.7930

Monochromacy



Original Color

196.3540, -47.0095, 51.4325

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.9410, -17.2259, 18.4687

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.3540, -47.0095, 51.4325 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(255, 185, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 101)  
}
```

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(255, 185, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 101) }
```

Border

The CSS property to change the border of an element to YUV 196.3540, -47.0095, 51.4325 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(255, 185, 101) }
```


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

```
.border{ border-color:rgb(255, 185, 101) }
```

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

Here you see how a box with a 4 pixel rgb(255, 185, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 196.3540, -47.0095, 51.4325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 101) }
```

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

```
.background{ background-color: rgb(255,  
185, 101) }
```

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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