

Converting Colors

YUV(209.9340, -46.8025,
31.6299)

Have a look what the booklet for
YUV(209.9340, -46.8025, 31.6299)
contains.

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Color

**YUV(209.9340, -46.8025,
31.6299)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D273
RGB	246, 210, 115
RGB Percent	96%, 82%, 45%
CMY	0.0353, 0.1765, 0.5490
CMYK	0.00, 0.15, 0.53, 0.04
HSL	44°, 88%, 71%
HSV	44°, 53%, 96%
XYZ	64.1471, 66.9238, 25.7563
YIQ	209.9340, 51.9510, -21.9130

Conversions

Conversions Part 2

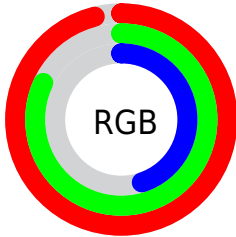
Format	Color
RYB	165, 246, 115
Decimal	16175731
CIELab	85.47, 1.23, 51.25
CIELCh	85, 51.264, 88.625
Yxy	66.9238, 0.4090, 0.4267
Android (android.graphics.Color)	4294365811 (0xFFFF6D273)
YUV	209.9340, -46.8025, 31.6299
Hunter-Lab	81.8070, -3.1954, 38.5979

Details

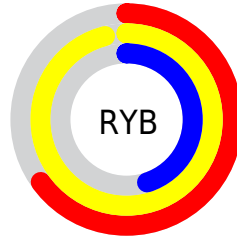
The YUV color $209.9340, -46.8025, 31.6299$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $151.0660, 46.8025, -31.6299$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.1960, -37.5646, 8.5981$, and $154.6670, -45.1918, 28.3560$ is the 20% darker color. If you saturate the color by 10%, you get $202.9750, -55.6967, 37.7329$, and if you desaturate by 10%, it is $216.8930, -37.9082, 25.5268$.

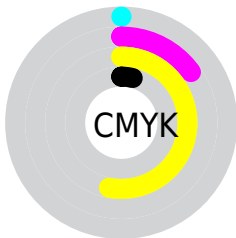
Distribution



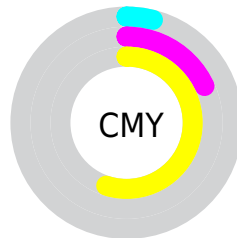
- Red (96%)
- Green (82%)
- Blue (45%)



- Red (65%)
- Yellow (96%)
- Blue (45%)



- Cyan (0%)
- Magenta (15%)
- Yellow (53%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.9340, -46.8025, 31.6299 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 209.9340, -46.8025, 31.6299 by changing the saturation by 10% instead.

209.9340,
-46.8025, 31.6299

209.9340,
-46.8025, 31.6299

255.0000, 0.0000,
0.0000

182.1510,
-45.9234, 29.6856

245.1960,
-37.5646, 8.5981

154.6670,
-45.1918, 28.3560

248.3880,
-25.3343, 5.7987

127.7700,
-44.7496, 26.5117

251.5800,
-13.1039, 2.9993

100.9610,
-47.8018, 25.4672

254.8860, -0.4368,
0.1000

78.3440, -38.6236,
21.6233

57.0690, -28.1350,
17.4795

36.6690, -18.0778,

11.6913

■ 17.7530, -8.7522,
7.2326

■ 0.0000, 0.0000,
0.0000

■ 209.9340,
-46.8025, 31.6299

■ 209.9340,
-46.8025, 31.6299

■ 202.9750,
-55.6967, 37.7329

■ 216.8930,
-37.9082, 25.5268

■ 196.1300,
-64.1541, 43.7360

■ 223.7380,
-29.4508, 19.5238

■ 189.7580,
-73.3377, 49.3242

■ 230.1100,
-20.2672, 13.9355

■ 182.9130,
-81.7951, 55.3273

■ 236.9550,
-11.8098, 7.9325

■ 178.0400,
-87.7737, 59.6009

■ 243.9140, -2.9156,
1.8294

■ 249.9610, 2.4842,
-3.4738

■ 252.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



204.5840, -35.7839, 44.2148



209.9340, -46.8025, 31.6299



205.3420, -39.1156, -7.3159

Triad

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



209.9340, -46.8025, 31.6299



168.7760, 42.5084, -148.0166



213.3230, 20.5468, 36.5507

Complementary

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



209.9340, -46.8025, 31.6299



151.0660, 46.8025, -31.6299

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.



211.9290, 21.2340, 2.6933



209.9340, -46.8025, 31.6299



165.2540, 44.2448, -144.9278

Square

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



209.9340, -46.8025, 31.6299



179.7810, 14.8980, -112.0639



197.0910, 28.5491, -57.0848



203.8220, 6.9898, 44.8831

Rectangle

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



209.9340, -46.8025, 31.6299



200.5970, -25.9303, -36.4806



197.0910, 28.5491, -57.0848



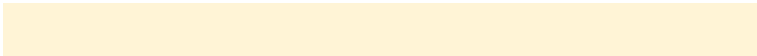
216.8450, 18.8104, 33.4619

Sweetspot

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



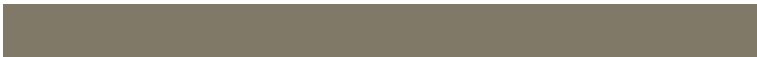
209.9340, -46.8025, 31.6299



243.8690, -14.7254, 9.7619



158.3870, -3.1488, 76.8366



121.0410, -8.8942, 6.1030



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.



209.9340, -46.8025, 31.6299



210.0030, -58.1755, 39.4624



222.6940, -53.0931, -4.1166



118.8710, -4.3734, 2.7441



134.8590, -66.4855, 44.8507



42.8820, -21.1408, 14.1355

Inverse Universe

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



151.0660, 46.8025, -31.6299



136.9970, 58.1755, -39.4624



138.3060, 53.0931, 4.1166



113.7160, 4.0840, -3.2589



51.1410, 66.4855, -44.8507



16.1180, 21.1408, -14.1355

Previews

White Background



This preview shows how the YUV color 209.9340, -46.8025, 31.6299 looks on a white background.

Color Contrast Check

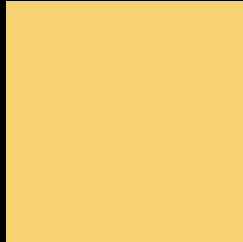
Large Text (above 18pt) WCAG AA × Fail

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 209.9340, -46.8025, 31.6299 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 209.9340, -46.8025, 31.6299

Background



This preview shows how black text looks on a background with the YUV color 209.9340, -46.8025, 31.6299.



This preview shows how white text looks on a background with the YUV color 209.9340, -46.8025, 31.6299.

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

209.9340, -46.8025, 31.6299

Protanopia

209.1070, -45.9018, 22.7082

Deuteranopia

212.0840, -37.5094, 37.6373



Tritanopia

217.4540, -1.7028, 32.9278

Trichromacy



Original Color

209.9340, -46.8025, 31.6299

Protanomaly

209.7160, -46.2020, 25.6821

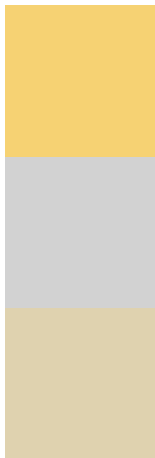
Deuteranomaly

211.4490, -41.1404, 35.5632

Tritanomaly

214.8010, -18.1429, 32.6235

Monochromacy



Original Color

209.9340, -46.8025, 31.6299

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.8970, -17.2042, 11.4913

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.9340, -46.8025, 31.6299 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(246, 210, 115)` looks like.

```
.text, #text, p{  
    color:rgb(246, 210, 115)  
}
```

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(246, 210, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 210, 115) }
```

Border

The CSS property to change the border of an element to YUV 209.9340, -46.8025, 31.6299 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(246, 210, 115) }
```


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

```
.border{ border-color:rgb(246, 210, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 210, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 210, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 210, 115);  
box-shadow:4px 4px 4px 4px rgb(246, 210,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 209.9340, -46.8025, 31.6299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 210, 115) }
```

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

```
.background{ background-color: rgb(246,  
210, 115) }
```

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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