

Converting Colors

YUV(217.6460, -46.6605,
32.7595)

Have a look what the booklet for
YUV(217.6460, -46.6605, 32.7595)
contains.

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Color

**YUV(217.6460, -46.6605,
32.7595)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD97B
RGB	255, 217, 123
RGB Percent	100%, 85%, 48%
CMY	0.0000, 0.1490, 0.5176
CMYK	0.00, 0.15, 0.52, 0.00
HSL	43°, 100%, 74%
HSV	43°, 52%, 100%
XYZ	69.6280, 72.3158, 29.0274
YIQ	217.6460, 52.8220, -21.1780

Conversions

Conversions Part 2

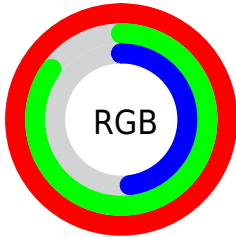
Format	Color
RYB	176, 255, 123
Decimal	16767355
CIELab	88.12, 1.94, 50.80
CIELCh	88, 50.835, 87.816
Yxy	72.3158, 0.4072, 0.4230
Android (android.graphics.Color)	4294957435 (0xFFFFD97B)
YUV	217.6460, -46.6605, 32.7595
Hunter-Lab	85.0387, -2.6654, 39.2888

Details

The YUV color **217.6460, -46.6605, 32.7595** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **160.3540, 46.6605, -32.7595**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.1080, -34.0702, 7.7983**, and **161.7920, -44.7605, 30.0004** is the 20% darker color. If you saturate the color by 10%, you get **210.6870, -55.5547, 38.8625**, and if you desaturate by 10%, it is **224.7190, -37.3295, 26.5564**.

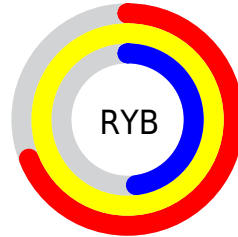
Distribution



Red (100%)

Green (85%)

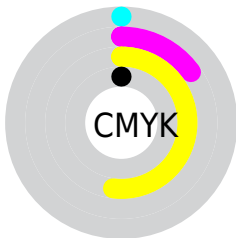
Blue (48%)



Red (69%)

Yellow (100%)

Blue (48%)

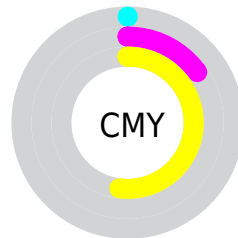


Cyan (0%)

Magenta (15%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.6460, -46.6605, 32.7595 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 217.6460, -46.6605, 32.7595 by changing the saturation by 10% instead.

217.6460,
-46.6605, 32.7595

217.6460,
-46.6605, 32.7595

255.0000, 0.0000,
0.0000

189.2760,
-45.4921, 31.3299

246.1080,
-34.0702, 7.7983

161.7920,
-44.7605, 30.0004

249.3000,
-21.8399, 4.9989

134.8950,
-44.3182, 28.1561

252.6060, -9.1728,
2.0995

108.5420,
-45.6232, 26.7117

84.2580, -41.5392,
23.4527

62.9830, -31.0506,
19.3089

41.9960, -20.7040,

14.0355

■ 22.7810, -11.2310,
8.9621

■ 0.0000, 0.0000,
0.0000

■ 217.6460,
-46.6605, 32.7595

■ 217.6460,
-46.6605, 32.7595

■ 210.6870,
-55.5547, 38.8625

■ 224.7190,
-37.3295, 26.5564

■ 203.0270,
-64.5963, 45.5803

■ 232.2650,
-28.7246, 19.9386

■ 196.0680,
-73.4905, 51.6834

■ 239.3380,
-19.3936, 13.7356

■ 188.9950,
-82.8215, 57.8864

■ 246.2970,
-10.4994, 7.6325

■ 183.0790,
-90.2579, 63.0747

■ 253.9570, -1.4578,
0.9147

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.



209.6050, -34.3153, 39.8114



217.6460, -46.6605, 32.7595



212.9400, -39.4104, -6.0864

Triad

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



217.6460, -46.6605, 32.7595



173.4720, 40.1933, -152.1349



218.0190, 18.2316, 32.4323

Complementary

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



217.6460, -46.6605, 32.7595



160.3540, 46.6605, -32.7595

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.



218.4190, 18.0344, 2.2635



217.6460, -46.6605, 32.7595



169.3630, 42.2190, -148.5314

Square

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



217.6460, -46.6605, 32.7595



189.9560, 12.8397, -105.2014



203.8800, 25.2022, -56.8998



209.5440, 8.6058, 39.8649

Rectangle

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



217.6460, -46.6605, 32.7595



208.0810, -26.6619, -35.1510



203.8800, 25.2022, -56.8998



221.5410, 16.4953, 29.3435

Sweetspot

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



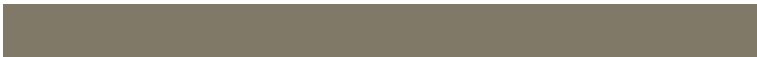
217.6460, -46.6605, 32.7595



243.2820, -14.4360, 10.2767



167.0280, -1.9858, 77.1514



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.



217.6460, -46.6605, 32.7595



209.9860, -55.7021, 39.4773



232.1780, -53.8248, -2.7871



124.1700, -4.5208, 3.3589



136.9410, -67.5119, 47.4097



45.5510, -22.4566, 16.1798

Inverse Universe

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



160.3540, 46.6605, -32.7595



141.4270, 55.9915, -38.9625



145.8220, 53.8248, 2.7871



118.2430, 4.8102, -2.8441



54.0590, 67.5119, -47.4097



17.8620, 22.7460, -15.6650

Previews

White Background



This preview shows how the YUV color 217.6460, -46.6605, 32.7595 looks on a white background.

Color Contrast Check

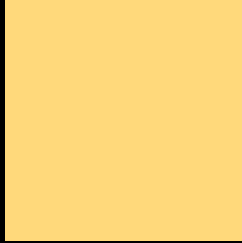
Large Text (above 18pt) WCAG AA × Fail

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 217.6460, -46.6605, 32.7595 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 217.6460, -46.6605, 32.7595 Background



This preview shows how black text looks on a background with the YUV color 217.6460, -46.6605, 32.7595.



This preview shows how white text looks on a background with the YUV color 217.6460, -46.6605,

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

217.6460, -46.6605, 32.7595

Protanopia

216.6340, -45.1756, 23.1230

Deuteranopia

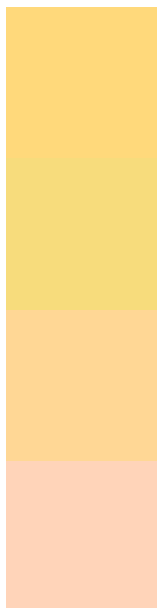
220.5590, -27.8836, 30.2048



Tritanopia

224.1220, -1.5391, 27.0800

Trichromacy



Original Color

217.6460, -46.6605, 32.7595

Protanomaly

217.1290, -45.9126, 26.1969

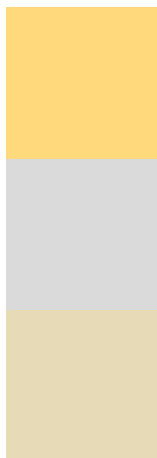
Deuteranomaly

219.4360, -34.7249, 31.1896

Tritanomaly

221.7790, -18.1320, 29.1348

Monochromacy



Original Color

217.6460, -46.6605, 32.7595

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.8970, -17.2042, 11.4913

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.6460, -46.6605, 32.7595 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, 217, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 123)  
}
```

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, 217, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 123) }
```

Border

The CSS property to change the border of an element to YUV 217.6460, -46.6605, 32.7595 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, 217, 123) }
```


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

```
.border{ border-color:rgb(255, 217, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 217.6460, -46.6605, 32.7595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 123) }
```

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

```
.background{ background-color: rgb(255,  
217, 123) }
```

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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