

Converting Colors

YUV(196.2220, -23.2804,
47.1633)

Have a look what the booklet for
YUV(196.2220, -23.2804, 47.1633)
contains.

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Color

**YUV(196.2220, -23.2804,
47.1633)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB295
RGB	250, 178, 149
RGB Percent	98%, 70%, 58%
CMY	0.0196, 0.3020, 0.4157
CMYK	0.00, 0.29, 0.40, 0.02
HSL	17°, 91%, 78%
HSV	17°, 40%, 98%
XYZ	60.7696, 54.3347, 35.7185
YIQ	196.2220, 52.2210, 6.2450

Conversions

Conversions Part 2

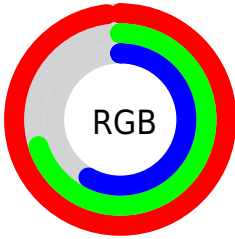
Format	Color
R _Y B	250, 190, 149
Decimal	16429717
CIE Lab	78.66, 22.74, 25.27
CIE LCh	79, 33.993, 48.010
Yxy	54.3347, 0.4029, 0.3603
Android (android.graphics.Color)	4294619797 (0xFFFFAB295)
YUV	196.2220, -23.2804, 47.1633
Hunter-Lab	73.7121, 18.1624, 22.8684

Details

The YUV color **196.2220, -23.2804, 47.1633** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **202.7780, 23.2804, -47.1633**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7450, -16.6363, 16.0096**, and **141.6560, -21.5224, 43.2747** is the 20% darker color. If you saturate the color by 10%, you get **182.8060, -28.9914, 58.9291**, and if you desaturate by 10%, it is **209.6380, -17.5695, 35.3975**.

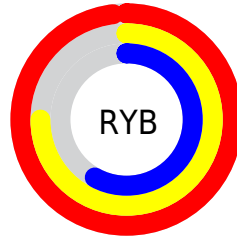
Distribution



Red (98%)

Green (70%)

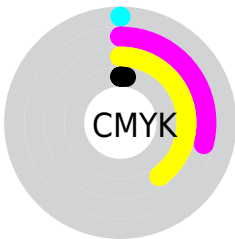
Blue (58%)



Red (98%)

Yellow (75%)

Blue (58%)

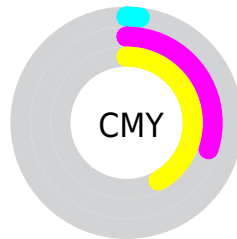


Cyan (0%)

Magenta (29%)

Yellow (40%)

Black (2%)



Cyan (2%)

Magenta (30%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.2220, -23.2804, 47.1633 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 196.2220, -23.2804, 47.1633 by changing the saturation by 10% instead.

196.2220,
-23.2804, 47.1633

196.2220,
-23.2804, 47.1633

255.0000, 0.0000,
0.0000

168.4390,
-22.4014, 45.2190

236.7450,
-16.6363, 16.0096

141.6560,
-21.5224, 43.2747

252.2640,
-10.4832, 2.3995

115.8730,
-20.6434, 41.3304

90.2040, -19.3276,
39.2861

66.1220, -18.3011,
36.7270

42.5130, -18.0009,
33.7531

20.5540, -10.1331,

30.2091

■ 9.3830, -4.1328,
18.9581

■ 0.0000, 0.0000,
0.0000

■ 196.2220,
-23.2804, 47.1633

■ 196.2220,
-23.2804, 47.1633

■ 182.8060,
-28.9914, 58.9291

■ 209.6380,
-17.5695, 35.3975

■ 169.3900,
-34.7023, 70.6950

■ 223.0540,
-11.8586, 23.6316

■ 156.5610,
-40.7026, 81.9460

■ 235.8830, -5.8583,
12.3806

■ 143.1450,
-46.4135, 93.7118

■ 249.2990, -0.1474,
0.6148

■ 129.7290,
-52.1244, 105.4777

■ 253.5050, 0.7370,
-3.0739

■ 117.0140,
-57.6879, 116.6287

Harmonies

Analogous

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



197.3870, -10.0508, 50.5266



196.2220, -23.2804, 47.1633



193.6900, -29.9202, 30.0899

Triad

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



196.2220, -23.2804, 47.1633



181.4530, -0.7163, -50.3863



195.3060, 29.4291, -12.5464

Complementary

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



196.2220, -23.2804, 47.1633



202.7780, 23.2804, -47.1633

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.



187.1230, 33.4634, -46.5889



196.2220, -23.2804, 47.1633



177.1310, 17.6834, -72.0289

Square

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



196.2220, -23.2804, 47.1633



186.8620, -17.6800, -22.6810



179.1600, 30.4871, -72.0543



199.0560, 18.7064, 20.1219

Rectangle

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



196.2220, -23.2804, 47.1633



191.7050, -29.4346, 14.2907



179.1600, 30.4871, -72.0543



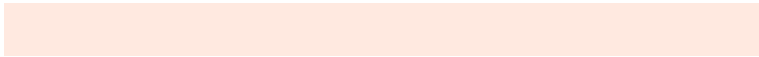
193.1690, 30.4827, -23.8272

Sweetspot

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



196.2220, -23.2804, 47.1633



238.5520, -7.1741, 14.4249



187.4070, 16.5613, 54.8941



118.3170, -4.1003, 8.4920



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.



196.2220, -23.2804, 47.1633



190.0230, -28.1123, 56.9848



225.5720, -37.7500, 21.4234



118.2350, -3.0739, 5.9329



88.2090, -43.4870, 88.3937



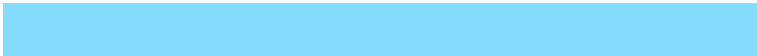
28.8050, -14.2009, 28.2350

Inverse Universe

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



202.7780, 23.2804, -47.1633



197.9770, 28.1123, -56.9848



173.4280, 37.7500, -21.4234



118.7650, 3.0739, -5.9329



100.7910, 43.4870, -88.3937



32.7820, 13.9115, -28.7498

Previews

White Background



This preview shows how the YUV color 196.2220, -23.2804, 47.1633 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 196.2220, -23.2804, 47.1633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

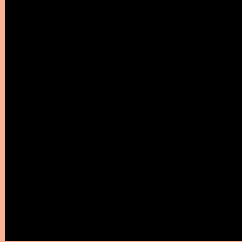
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.2220, -23.2804, 47.1633

Background



This preview shows how black text looks on a background with the YUV color 196.2220, -23.2804, 47.1633.



This preview shows how white text looks on a background with the YUV color 196.2220, -23.2804,

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

196.2220, -23.2804, 47.1633

Protanopia

194.2560, -18.3672, 11.1765

Deuteranopia

195.2970, -23.8104, 30.4345



Tritanopia

198.4020, -6.1142, 47.8824

Trichromacy



Original Color

196.2220, -23.2804, 47.1633

Protanomaly

195.1760, -20.2998, 24.4016

Deuteranomaly

195.7430, -23.5373, 36.1824

Tritanomaly

197.7950, -12.2239, 47.5378

Monochromacy



Original Color

196.2220, -23.2804, 47.1633

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.9330, -8.3480, 17.5988

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.2220, -23.2804, 47.1633 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, 178, 149)` looks like.

```
.text, #text, p{  
    color:rgb(250, 178, 149)  
}
```

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, 178, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 178, 149) }
```

Border

The CSS property to change the border of an element to YUV 196.2220, -23.2804, 47.1633 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, 178, 149) }
```


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

```
.border{ border-color:rgb(250, 178, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 178, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 178, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 178, 149);  
box-shadow:4px 4px 4px 4px rgb(250, 178,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 196.2220, -23.2804, 47.1633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 178, 149) }
```

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

```
.background{ background-color: rgb(250,  
178, 149) }
```

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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