

Converting Colors

YUV(208.4600, -20.9328,
40.8156)

Have a look what the booklet for
YUV(208.4600, -20.9328, 40.8156)
contains.

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Color

**YUV(208.4600, -20.9328,
40.8156)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1A6
RGB	255, 193, 166
RGB Percent	100%, 76%, 65%
CMY	0.0000, 0.2431, 0.3490
CMYK	0.00, 0.24, 0.35, 0.00
HSL	18°, 100%, 83%
HSV	18°, 35%, 100%
XYZ	67.1929, 62.1531, 44.5317
YIQ	208.4600, 45.6190, 4.7470

Conversions

Conversions Part 2

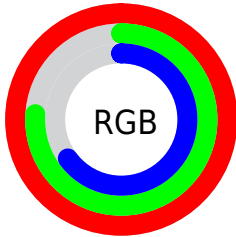
Format	Color
R _Y B	255, 205, 166
Decimal	16761254
CIE Lab	82.99, 18.71, 22.22
CIE LCh	83, 29.053, 49.901
Yxy	62.1531, 0.3864, 0.3575
Android (android.graphics.Color)	4294951334 (0xFFFFC1A6)
YUV	208.4600, -20.9328, 40.8156
Hunter-Lab	78.8372, 14.1702, 21.6958

Details

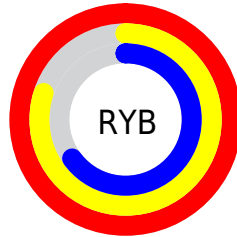
The YUV color $208.4600, -20.9328, 40.8156$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $212.5400, 20.9328, -40.8156$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1890, -13.4042, 5.9732$, and $153.4920, -19.4696, 38.1565$ is the 20% darker color. If you saturate the color by 10%, you get $195.0440, -26.6437, 52.5814$, and if you desaturate by 10%, it is $221.9900, -14.7851, 28.9498$.

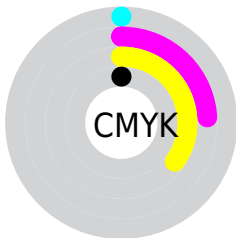
Distribution



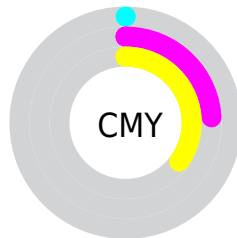
- Red (100%)
- Green (76%)
- Blue (65%)



- Red (100%)
- Yellow (80%)
- Blue (65%)



- Cyan (0%)
- Magenta (24%)
- Yellow (35%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.4600, -20.9328, 40.8156 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 208.4600, -20.9328, 40.8156 by changing the saturation by 10% instead.

208.4600,
-20.9328, 40.8156

208.4600,
-20.9328, 40.8156

255.0000, 0.0000,
0.0000

180.9760,
-20.2012, 39.4860

248.1890,
-13.4042, 5.9732

153.4920,
-19.4696, 38.1565

254.4300, -2.1840,
0.4999

127.2960,
-18.8799, 35.6974

101.9260,
-17.7115, 34.2679

77.1430, -16.8325,
32.3236

53.7620, -15.6587,
29.1497

31.1640, -15.3639,

27.9202

■ 11.6610, -5.7489,
23.9763

■ 0.0000, 0.0000,
0.0000

■ 208.4600,
-20.9328, 40.8156

■ 208.4600,
-20.9328, 40.8156

■ 195.0440,
-26.6437, 52.5814

■ 221.9900,
-14.7851, 28.9498

■ 181.5140,
-32.7914, 64.4472

■ 235.4060, -9.0742,
17.1839

■ 168.6850,
-38.7917, 75.6983

■ 248.3490, -2.6371,
5.8329

■ 155.1550,
-44.9394, 87.5641

■ 255.0000, 0.0000,
0.0000

■ 141.6250,
-51.0871, 99.4299

■ 128.2090,
-56.7980, 111.1957

■ 121.4440,
-59.8719, 117.1286

Harmonies

Analogous

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



207.5600, -9.1501, 41.6049



208.4600, -20.9328, 40.8156



206.2810, -26.2675, 25.1866

Triad

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



208.4600, -20.9328, 40.8156



196.0240, -0.0118, -42.9940



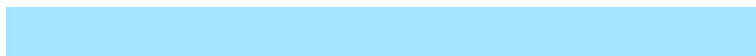
207.7320, 23.3031, -7.6580

Complementary

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



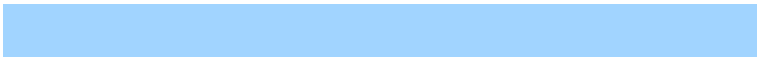
208.4600, -20.9328, 40.8156



212.5400, 20.9328, -40.8156

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.



201.6530, 26.3001, -35.6527



208.4600, -20.9328, 40.8156



194.1220, 14.7299, -57.9890

Square

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



208.4600, -20.9328, 40.8156



200.3830, -14.4858, -20.5069



196.2930, 25.4916, -56.3850



211.1330, 15.2174, 19.1774

Rectangle

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



208.4600, -20.9328, 40.8156



204.7200, -25.4980, 11.6466



196.2930, 25.4916, -56.3850



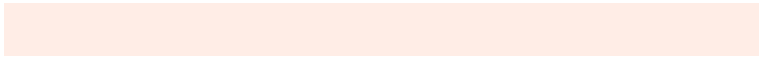
205.6060, 24.3512, -17.1945

Sweetspot

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



208.4600, -20.9328, 40.8156



241.5840, -5.7109, 11.7658



199.6790, 13.9623, 48.5165



119.7190, -3.8055, 7.2624



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.



208.4600, -20.9328, 40.8156



198.7770, -25.0331, 49.3076



234.2880, -33.6660, 18.1644



121.2350, -3.0739, 5.9329



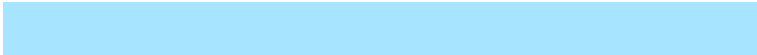
91.1550, -44.9394, 87.5641



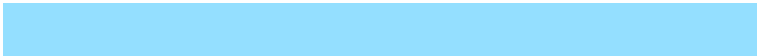
30.2890, -14.9325, 29.5645

Inverse Universe

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



212.5400, 20.9328, -40.8156



204.2230, 25.0331, -49.3076



186.7120, 33.6660, -18.1644



121.7650, 3.0739, -5.9329



99.8450, 44.9394, -87.5641



33.1240, 15.2219, -29.0497

Previews

White Background



This preview shows how the YUV color 208.4600, -20.9328, 40.8156 looks on a white background.

Color Contrast Check

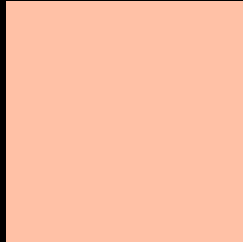
Large Text (above 18pt) WCAG AA × Fail

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 208.4600, -20.9328, 40.8156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

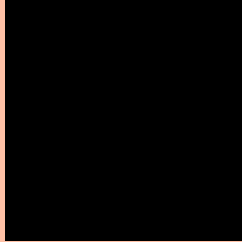
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.4600, -20.9328, 40.8156

Background



This preview shows how black text looks on a background with the YUV color 208.4600, -20.9328, 40.8156.



This preview shows how white text looks on a background with the YUV color 208.4600, -20.9328, 40.8156.

40.8156.

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

208.4600, -20.9328, 40.8156

Protanopia

206.2990, -16.9094, 10.2618

Deuteranopia

207.6820, -21.0422, 29.2199



Tritanopia

210.3300, -3.6137, 39.1756

Trichromacy



Original Color

208.4600, -20.9328, 40.8156

Protanomaly

207.0230, -18.2523, 21.0278

Deuteranomaly

208.0030, -21.2005, 33.3234

Tritanomaly

209.4350, -9.5815, 39.9605

Monochromacy



Original Color

208.4600, -20.9328, 40.8156

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

208.4380, -7.6109, 14.5249

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.4600, -20.9328, 40.8156 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, 193, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 166)  
}
```

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, 193, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 166) }
```

Border

The CSS property to change the border of an element to YUV 208.4600, -20.9328, 40.8156 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, 193, 166) }
```


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

```
.border{ border-color:rgb(255, 193, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 208.4600, -20.9328, 40.8156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 166) }
```

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

```
.background{ background-color: rgb(255,  
193, 166) }
```

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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