

Converting Colors

YUV(208.5680, -21.4790,
29.3199)

Have a look what the booklet for
YUV(208.5680, -21.4790, 29.3199)
contains.

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Color

**YUV(208.5680, -21.4790,
29.3199)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C8A5
RGB	242, 200, 165
RGB Percent	95%, 78%, 65%
CMY	0.0510, 0.2157, 0.3529
CMYK	0.00, 0.17, 0.32, 0.05
HSL	27°, 75%, 80%
HSV	27°, 32%, 95%
XYZ	64.0638, 62.9024, 44.3622
YIQ	208.5680, 36.2670, -1.9810

Conversions

Conversions Part 2

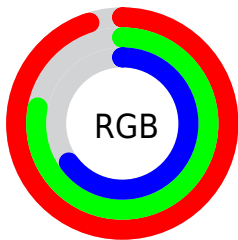
Format	Color
R _Y B	242, 229, 165
Decimal	15911077
CIE Lab	83.39, 9.98, 23.10
CIE LCh	83, 25.160, 66.628
Yxy	62.9024, 0.3739, 0.3671
Android (android.graphics.Color)	4294101157 (0xFFFF2C8A5)
YUV	208.5680, -21.4790, 29.3199
Hunter-Lab	79.3110, 5.3896, 22.3542

Details

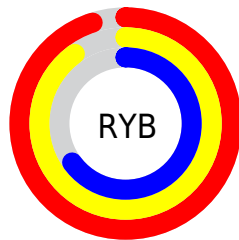
The YUV color $208.5680, -21.4790, 29.3199$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $198.4320, 21.4790, -29.3199$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.0100, -15.2879, 3.4992$, and $153.8990, -20.1632, 27.2756$ is the 20% darker color. If you saturate the color by 10%, you get $198.2010, -28.2001, 38.4117$, and if you desaturate by 10%, it is $218.9350, -14.7580, 20.2280$.

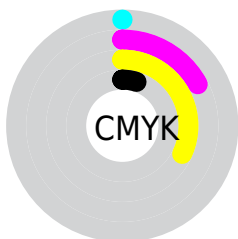
Distribution



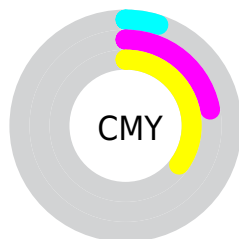
- Red (95%)
- Green (78%)
- Blue (65%)



- Red (95%)
- Yellow (90%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (32%)
- Black (5%)



- Cyan (5%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.5680, -21.4790, 29.3199 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 208.5680, -21.4790, 29.3199 by changing the saturation by 10% instead.

208.5680,
-21.4790, 29.3199

208.5680,
-21.4790, 29.3199

255.0000, 0.0000,
0.0000

181.0840,
-20.7474, 27.9903

251.0100,
-15.2879, 3.4992

153.8990,
-20.1632, 27.2756

254.3160, -2.6208,
0.5999

127.4150,
-19.4316, 25.9460

102.6320,
-18.5526, 24.0017

78.1480, -17.8210,
22.6722

54.4790, -16.5051,
20.6279

32.8810, -16.2103,

19.3984

■ 11.6170, -5.7272,
16.9989

■ 0.0000, 0.0000,
0.0000

■ 208.5680,
-21.4790, 29.3199

■ 208.5680,
-21.4790, 29.3199

■ 198.2010,
-28.2001, 38.4117

■ 218.9350,
-14.7580, 20.2280

■ 187.8340,
-34.9212, 47.5036

■ 229.3020, -8.0369,
11.1361

■ 176.7660,
-41.7896, 57.2102

■ 240.3700, -1.1684,
1.4295

■ 166.3990,
-48.5107, 66.3021

■ 249.9390, 2.4951,
-6.9625

■ 156.0320,
-55.2318, 75.3939

■ 251.1130, 1.9163,
-7.9921

■ 145.6650,
-61.9528, 84.4858

■ 136.9280,
-67.5055, 92.1481

Harmonies

Analogous

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



210.7570, -14.6702, 38.8011



208.5680, -21.4790, 29.3199



206.2300, -22.2984, 12.0763

Triad

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



208.5680, -21.4790, 29.3199



197.8480, 6.9769, -44.5937



210.6260, 17.4394, 6.4670

Complementary

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



208.5680, -21.4790, 29.3199



198.4320, 21.4790, -29.3199

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.



206.9650, 23.1883, -17.5093



208.5680, -21.4790, 29.3199



198.3880, 18.0497, -49.4523

Square

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



208.5680, -21.4790, 29.3199



200.5050, -6.1650, -29.3839



201.7620, 24.2743, -39.2563



211.8260, 7.4808, 27.3396

Rectangle

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



208.5680, -21.4790, 29.3199



204.5380, -19.4922, -1.3488



201.7620, 24.2743, -39.2563



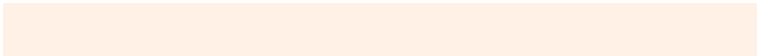
209.8530, 19.7925, -1.6251

Sweetspot

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



208.5680, -21.4790, 29.3199



243.9320, -6.8685, 9.7066



192.8110, 6.9952, 43.1388



120.8930, -4.3842, 6.2328



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.



208.5680, -21.4790, 29.3199



212.8310, -27.0317, 36.9822



230.8740, -32.4759, 9.7575



114.5230, -3.2158, 4.8033



103.7370, -51.1423, 70.3907



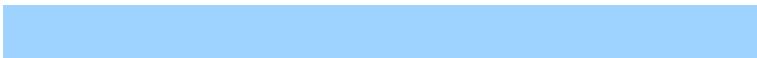
32.0060, -15.7790, 21.0427

Inverse Universe

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



198.4320, 21.4790, -29.3199



200.1690, 27.0317, -36.9822



176.1260, 32.4759, -9.7575



112.8900, 3.5052, -4.2885



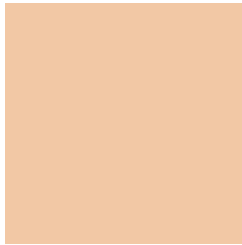
79.6760, 51.4317, -69.8759



24.5810, 15.4896, -21.5575

Previews

White Background



This preview shows how the YUV color 208.5680, -21.4790, 29.3199 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 208.5680, -21.4790, 29.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

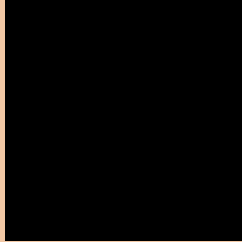
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.5680, -21.4790, 29.3199

Background



This preview shows how black text looks on a background with the YUV color 208.5680, -21.4790, 29.3199.



This preview shows how white text looks on a background with the YUV color 208.5680, -21.4790, 29.3199.

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

208.5680, -21.4790, 29.3199

Protanopia

207.1420, -18.8040, 11.2765

Deuteranopia

208.8670, -21.6264, 29.9346



Tritanopia

211.5570, -1.2606, 31.0835

Trichromacy



Original Color

208.5680, -21.4790, 29.3199

Protanomaly

207.6590, -19.5519, 17.8391

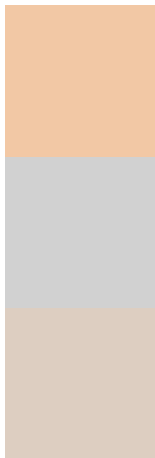
Deuteranomaly

208.8670, -21.6264, 29.9346

Tritanomaly

210.3090, -8.5333, 30.4240

Monochromacy



Original Color

208.5680, -21.4790, 29.3199

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.0030, -7.8895, 10.5214

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.5680, -21.4790, 29.3199 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(242, 200, 165)` looks like.

```
.text, #text, p{  
    color:rgb(242, 200, 165)  
}
```

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(242, 200, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 200, 165) }
```

Border

The CSS property to change the border of an element to YUV 208.5680, -21.4790, 29.3199 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(242, 200, 165) }
```


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

```
.border{ border-color:rgb(242, 200, 165) }
```

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

Here you see how a box with a 4 pixel rgb(242, 200, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 200, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 200, 165);  
box-shadow:4px 4px 4px 4px rgb(242, 200,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 208.5680, -21.4790, 29.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 200, 165) }
```

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

```
.background{ background-color: rgb(242,  
200, 165) }
```

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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