

Converting Colors

YUV(208.1460, -28.1730,
29.6900)

Have a look what the booklet for
YUV(208.1460, -28.1730, 29.6900)
contains.

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Color

**YUV(208.1460, -28.1730,
29.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CA97
RGB	242, 202, 151
RGB Percent	95%, 79%, 59%
CMY	0.0510, 0.2078, 0.4078
CMYK	0.00, 0.17, 0.38, 0.05
HSL	34°, 78%, 77%
HSV	34°, 38%, 95%
XYZ	63.3244, 63.3527, 38.1689
YIQ	208.1460, 40.2110, -7.3810

Conversions

Conversions Part 2

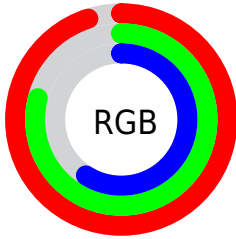
Format	Color
R _Y B	222, 242, 151
Decimal	15911575
CIE Lab	83.63, 7.27, 30.75
CIE LCh	84, 31.599, 76.702
Yxy	63.3527, 0.3841, 0.3843
Android (android.graphics.Color)	4294101655 (0xFFFF2CA97)
YUV	208.1460, -28.1730, 29.6900
Hunter-Lab	79.5944, 2.7224, 27.2840

Details

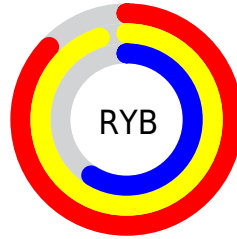
The YUV color $208.1460, -28.1730, 29.6900$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $184.8540, 28.1730, -29.6900$, and the grayscale version is $208.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.4140, -21.4031, 4.8989$, and $153.2920, -26.2730, 26.9309$ is the 20% darker color. If you saturate the color by 10%, you get $198.9530, -35.4728, 37.7522$, and if you desaturate by 10%, it is $217.3390, -20.8731, 21.6277$.

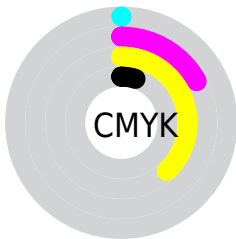
Distribution



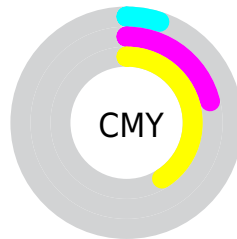
- Red (95%)
- Green (79%)
- Blue (59%)



- Red (87%)
- Yellow (95%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (38%)
- Black (5%)



- Cyan (5%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.1460, -28.1730, 29.6900 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 208.1460, -28.1730, 29.6900 by changing the saturation by 10% instead.

208.1460,
-28.1730, 29.6900

208.1460,
-28.1730, 29.6900

255.0000, 0.0000,
0.0000

180.6620,
-27.4414, 28.3604

249.4140,
-21.4031, 4.8989

153.2920,
-26.2730, 26.9309

252.6060, -9.1728,
2.0995

127.1070,
-25.6888, 26.2162

102.0250,
-24.6623, 23.6571

77.5410, -23.9307,
22.3275

53.5300, -23.9253,
20.5832

33.4570, -16.4943,

17.1392

■ 12.4810, -6.1531,
13.6102

■ 0.0000, 0.0000,
0.0000

■ 208.1460,
-28.1730, 29.6900

■ 208.1460,
-28.1730, 29.6900

■ 198.9530,
-35.4728, 37.7522

■ 217.3390,
-20.8731, 21.6277

■ 190.3470,
-43.0621, 45.2997

■ 225.9450,
-13.2839, 14.0802

■ 181.0400,
-50.7987, 53.4619

■ 235.2520, -5.5472,
5.9180

■ 171.8470,
-58.0986, 61.5242

■ 244.4450, 1.7526,
-2.1443

■ 163.2410,
-65.6878, 69.0716

■ 251.1130, 1.9163,
-7.9921

■ 154.0480,
-72.9877, 77.1339

■ 152.1900,
-75.0297, 78.7634

Harmonies

Analogous

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



208.4600, -20.9328, 40.8156



208.1460, -28.1730, 29.6900



205.3450, -26.7921, 6.7134

Triad

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



208.1460, -28.1730, 29.6900



193.7900, 14.8935, -63.8368



212.5180, 17.9856, 17.9627

Complementary

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



208.1460, -28.1730, 29.6900



184.8540, 28.1730, -29.6900

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.



207.7100, 23.3140, -11.1467



208.1460, -28.1730, 29.6900



195.4060, 27.4078, -64.3771

Square

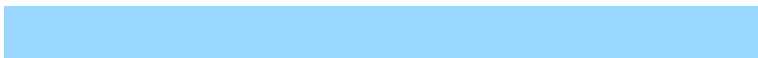
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



208.1460, -28.1730, 29.6900



197.2580, -1.6062, -44.9533



201.0220, 26.6112, -42.1153



212.0230, 5.4117, 37.6908

Rectangle

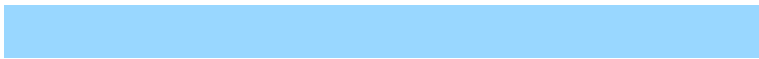
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



208.1460, -28.1730, 29.6900



202.7280, -21.0649, -10.2855



201.0220, 26.6112, -42.1153



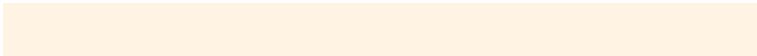
211.3750, 21.5071, 8.4411

Sweetspot

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



208.1460, -28.1730, 29.6900



244.7640, -8.7577, 8.9770



182.8830, 4.4947, 51.8456



121.3660, -5.1104, 5.8180



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.



208.1460, -28.1730, 29.6900



212.5400, -35.7622, 37.2374



230.1310, -39.0116, 6.0241



115.6970, -3.7946, 3.7737



115.4770, -56.9302, 60.0947



34.9410, -17.2259, 18.4687

Inverse Universe

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



184.8540, 28.1730, -29.6900



183.0470, 35.4728, -37.7522



162.8690, 39.0116, -6.0241



112.3030, 3.7946, -3.7737



68.5230, 56.9302, -60.0947



21.0590, 17.2259, -18.4687

Previews

White Background



This preview shows how the YUV color 208.1460, -28.1730, 29.6900 looks on a white background.

Color Contrast Check

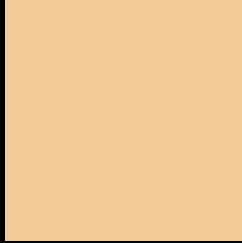
Large Text (above 18pt) WCAG AA × Fail

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 208.1460, -28.1730, 29.6900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

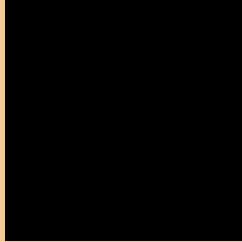
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.1460, -28.1730, 29.6900

Background



This preview shows how black text looks on a background with the YUV color 208.1460, -28.1730, 29.6900.



This preview shows how white text looks on a background with the YUV color 208.1460, -28.1730,

29.6900.

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

208.1460, -28.1730, 29.6900

Protanopia

206.6280, -25.9456, 15.2352

Deuteranopia

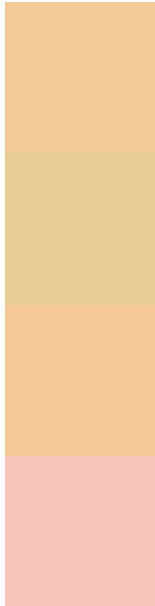
208.4670, -28.3312, 33.7934



Tritanopia

211.8560, -1.4080, 31.6983

Trichromacy



Original Color

208.1460, -28.1730, 29.6900

Protanomaly

207.4330, -26.8355, 20.6683

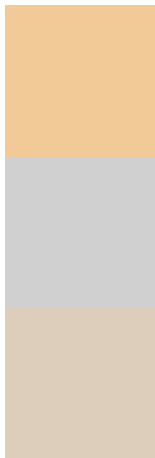
Deuteranomaly

208.4560, -28.3258, 32.0491

Tritanomaly

210.6250, -11.1541, 31.0239

Monochromacy



Original Color

208.1460, -28.1730, 29.6900

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

208.0200, -10.3629, 10.5065

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.1460, -28.1730, 29.6900 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, 202, 151)` looks like.

```
.text, #text, p{  
    color:rgb(242, 202, 151)  
}
```

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, 202, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 202, 151) }
```

Border

The CSS property to change the border of an element to YUV 208.1460, -28.1730, 29.6900 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, 202, 151) }
```


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

```
.border{ border-color:rgb(242, 202, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 202, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 202, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 202, 151);  
box-shadow:4px 4px 4px 4px rgb(242, 202,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 208.1460, -28.1730, 29.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 202, 151) }
```

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

```
.background{ background-color: rgb(242,  
202, 151) }
```

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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