

Converting Colors

YUV(208.3490, -15.9481,
28.6349)

Have a look what the booklet for
YUV(208.3490, -15.9481, 28.6349)
contains.

YUV(208.3490, -15.9481, 28.6349)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(208.3490, -15.9481,
28.6349)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C6B0
RGB	241, 198, 176
RGB Percent	95%, 78%, 69%
CMY	0.0549, 0.2235, 0.3098
CMYK	0.00, 0.18, 0.27, 0.05
HSL	20°, 70%, 82%
HSV	20°, 27%, 95%
XYZ	64.3062, 62.2235, 49.6953
YIQ	208.3490, 32.6900, 2.2740

Conversions

Conversions Part 2

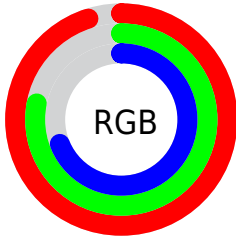
Format	Color
R _Y B	241, 209, 176
Decimal	15845040
CIE Lab	83.03, 12.08, 16.76
CIE LCh	83, 20.659, 54.215
Yxy	62.2235, 0.3649, 0.3531
Android (android.graphics.Color)	4294035120 (0xFFFF1C6B0)
YUV	208.3490, -15.9481, 28.6349
Hunter-Lab	78.8819, 7.4737, 17.8648

Details

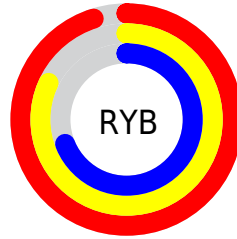
The YUV color $208.3490, -15.9481, 28.6349$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $208.6510, 15.9481, -28.6349$, and the grayscale version is $208.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, -10.0464, 2.2995$, and $153.5660, -15.0690, 26.6906$ is the 20% darker color. If you saturate the color by 10%, you get $196.2210, -21.8010, 39.2712$, and if you desaturate by 10%, it is $220.4770, -10.0952, 17.9987$.

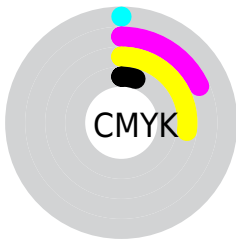
Distribution



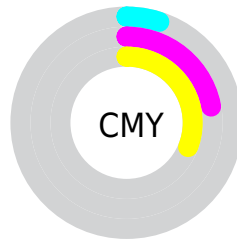
- Red (95%)
- Green (78%)
- Blue (69%)



- Red (95%)
- Yellow (82%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (5%)



- Cyan (5%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.3490, -15.9481, 28.6349 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 208.3490, -15.9481, 28.6349 by changing the saturation by 10% instead.

208.3490,
-15.9481, 28.6349

208.3490,
-15.9481, 28.6349

255.0000, 0.0000,
0.0000

180.7510,
-15.6532, 27.4054

252.3780,
-10.0464, 2.2995

153.5660,
-15.0690, 26.6906

127.3810,
-14.4848, 25.9759

102.5980,
-13.6058, 24.0316

78.1140, -12.8742,
22.7020

54.9180, -12.2846,
20.2429

32.5050, -12.5740,

19.7281

■ 10.1550, -5.0064,
19.1581

■ 0.0000, 0.0000,
0.0000

■ 208.3490,
-15.9481, 28.6349

■ 208.3490,
-15.9481, 28.6349

■ 196.2210,
-21.8010, 39.2712

■ 220.4770,
-10.0952, 17.9987

■ 184.0930,
-27.6538, 49.9074

■ 232.6050, -4.2423,
7.3624

■ 171.9650,
-33.5067, 60.5437

■ 244.7330, 1.6106,
-3.2738

■ 159.8370,
-39.3596, 71.1800

■ 250.8140, 2.0637,
-8.6069

■ 147.5950,
-45.6493, 81.9162

■ 135.4670,
-51.5022, 92.5524

■ 123.3390,
-57.3551, 103.1887

■ 120.1930,
-59.2551, 105.9477

Harmonies

Analogous

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



209.9180, -8.8336, 33.3979



208.3490, -15.9481, 28.6349



206.4740, -18.9677, 17.1243

Triad

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



208.3490, -15.9481, 28.6349



200.0300, 0.9712, -31.5983



208.3430, 16.5929, -2.0548

Complementary

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



208.3490, -15.9481, 28.6349



208.6510, 15.9481, -28.6349

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.



205.0200, 19.7101, -21.9425



208.3490, -15.9481, 28.6349



199.6190, 11.0338, -39.1309

Square

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



208.3490, -15.9481, 28.6349



201.8980, -8.8237, -16.5735



201.4760, 18.0063, -35.4975



210.3300, 9.6973, 16.3736

Rectangle

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



208.3490, -15.9481, 28.6349



204.7500, -17.6247, 6.3583



201.4760, 18.0063, -35.4975



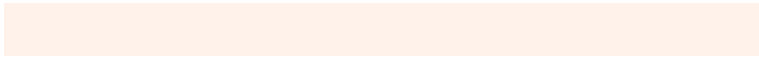
207.0540, 18.2144, -8.8174

Sweetspot

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



208.3490, -15.9481, 28.6349



245.0890, -4.9739, 8.6919



200.3370, 9.2009, 35.6615



121.2350, -3.0739, 5.9329



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.



208.3490, -15.9481, 28.6349



213.9540, -20.1903, 35.9973



227.1330, -25.2086, 12.1614



113.9360, -2.9264, 5.3181



91.4100, -45.0651, 81.2014



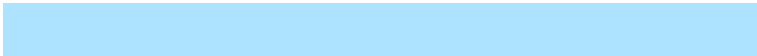
27.8970, -13.7532, 24.6463

Inverse Universe

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



208.6510, 15.9481, -28.6349



214.0460, 20.1903, -35.9973



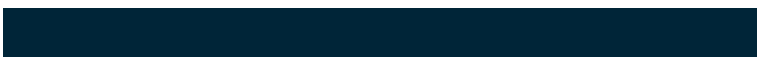
189.8670, 25.2086, -12.1614



114.0640, 2.9264, -5.3181



92.0030, 45.3545, -80.6866



28.1030, 13.7532, -24.6463

Previews

White Background



This preview shows how the YUV color 208.3490, -15.9481, 28.6349 looks on a white background.

Color Contrast Check

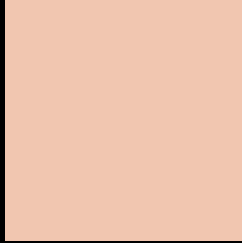
Large Text (above 18pt) WCAG AA × Fail

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 208.3490, -15.9481, 28.6349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

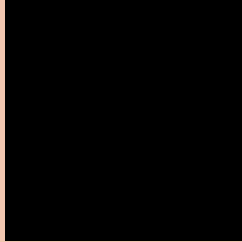
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.3490, -15.9481, 28.6349

Background



This preview shows how black text looks on a background with the YUV color 208.3490, -15.9481, 28.6349.



This preview shows how white text looks on a background with the YUV color 208.3490, -15.9481, 28.6349.

28.6349.

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

208.3490, -15.9481, 28.6349

Protanopia

206.3250, -12.9782, 9.3620

Deuteranopia

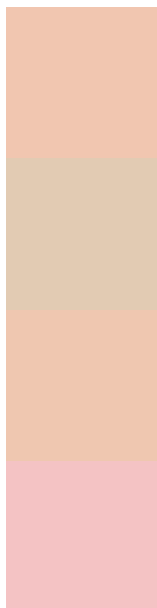
208.0390, -15.7952, 26.2758



Tritanopia

210.2580, -1.1132, 30.4687

Trichromacy



Original Color

208.3490, -15.9481, 28.6349

Protanomaly

207.1410, -13.8735, 16.5393

Deuteranomaly

208.3380, -15.9426, 26.8906

Tritanomaly

209.7650, -6.7861, 30.0241

Monochromacy



Original Color

208.3490, -15.9481, 28.6349

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

207.8720, -5.8529, 10.6363

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.3490, -15.9481, 28.6349 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(241, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(241, 198, 176)  
}
```

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(241, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 198, 176) }
```

Border

The CSS property to change the border of an element to YUV 208.3490, -15.9481, 28.6349 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(241, 198, 176) }
```


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

```
.border{ border-color:rgb(241, 198, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 198, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 198, 176); box-shadow:4px 4px 4px 4px rgb(241, 198, 176) }
```

Background

The CSS property to change the background color of an element to YUV 208.3490, -15.9481, 28.6349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 198, 176) }
```

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

```
.background{ background-color: rgb(241,  
198, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor