

Converting Colors

YUV(206.6110, -16.5702,
41.5602)

Have a look what the booklet for
YUV(206.6110, -16.5702, 41.5602)
contains.

YUV(206.6110, -16.5702, 41.5602)	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(206.6110, -16.5702,
41.5602)**

Conversions

Conversions Part 1

Format	Color
Hex	FEBDAD
RGB	254, 189, 173
RGB Percent	100%, 74%, 68%
CMY	0.0039, 0.2588, 0.3216
CMYK	0.00, 0.26, 0.32, 0.00
HSL	12°, 98%, 84%
HSV	12°, 32%, 100%
XYZ	66.6135, 60.4832, 47.6987
YIQ	206.6110, 43.8760, 8.8040

Conversions

Conversions Part 2

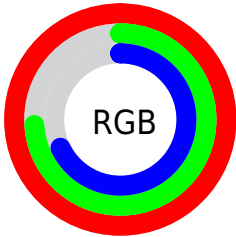
Format	Color
R_{YB}	254, 193, 173
Decimal	16694701
CIE _{Lab}	82.10, 21.29, 17.24
CIE _{LCh}	82, 27.393, 39.009
Y _{xy}	60.4832, 0.3811, 0.3460
Android (android.graphics.Color)	4294884781 (0xFFFEBDAD)
YUV	206.6110, -16.5702, 41.5602
Hunter-Lab	77.7709, 16.7923, 18.0757

Details

The YUV color $206.6110, -16.5702, 41.5602$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $220.3890, 16.5702, -41.5602$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.0520, -8.8996, 7.8474$, and $151.6430, -15.1070, 38.9011$ is the 20% darker color. If you saturate the color by 10%, you get $192.0210, -21.7024, 54.3556$, and if you desaturate by 10%, it is $221.2010, -11.4381, 28.7647$.

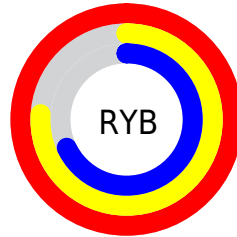
Distribution



Red (100%)

Green (74%)

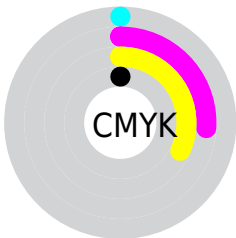
Blue (68%)



Red (100%)

Yellow (76%)

Blue (68%)

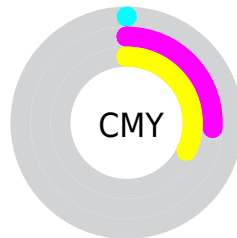


Cyan (0%)

Magenta (26%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.6110, -16.5702, 41.5602 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 206.6110, -16.5702, 41.5602 by changing the saturation by 10% instead.

206.6110,
-16.5702, 41.5602

206.6110,
-16.5702, 41.5602

255.0000, 0.0000,
0.0000

179.0130,
-16.2754, 40.3306

246.0520, -8.8996,
7.8474

151.6430,
-15.1070, 38.9011

125.7460,
-14.6648, 37.0568

99.9630, -13.7858,
35.1124

75.1800, -12.9067,
33.1681

52.0980, -11.8803,
30.6091

28.8590, -12.7485,

29.0647

■ 11.6610, -5.7489,
23.9763

■ 0.0000, 0.0000,
0.0000

■ 206.6110,
-16.5702, 41.5602

■ 206.6110,
-16.5702, 41.5602

■ 192.0210,
-21.7024, 54.3556

■ 221.2010,
-11.4381, 28.7647

■ 176.7300,
-26.9819, 67.7658

■ 236.4920, -6.1586,
15.3545

■ 162.1400,
-32.1140, 80.5612

■ 251.0820, -1.0264,
2.5591

■ 146.8490,
-37.3936, 93.9714

254.7010, 0.1474,
-0.6148

■ 132.2590,
-42.5257, 106.7669

■ 117.6690,
-47.6578, 119.5623

■ 105.2960,
-51.9109, 130.4134

Harmonies

Analogous

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



207.8850, -5.3663, 41.3199



206.6110, -16.5702, 41.5602



204.4110, -23.3736, 30.3346

Triad

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



206.6110, -16.5702, 41.5602



195.7110, -5.2805, -33.0725



203.8340, 25.2248, -17.3944

Complementary

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



206.6110, -16.5702, 41.5602



220.3890, 16.5702, -41.5602

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.



197.9080, 26.1744, -42.0153



206.6110, -16.5702, 41.5602



192.9720, 8.8878, -50.8414

Square

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



206.6110, -16.5702, 41.5602



199.0530, -17.2811, -10.5705



193.4520, 20.9762, -54.7704



207.4630, 18.0127, 9.2409

Rectangle

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



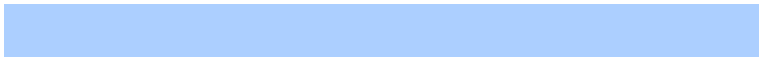
206.6110, -16.5702, 41.5602



202.9920, -24.6461, 18.4240



193.4520, 20.9762, -54.7704



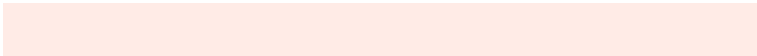
202.0070, 26.1255, -26.3161

Sweetspot

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



206.6110, -16.5702, 41.5602



240.4100, -5.1321, 12.7954



204.7430, 16.8887, 43.1984



118.5450, -3.2267, 8.2920



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.



206.6110, -16.5702, 41.5602



198.1560, -19.7969, 49.8522



229.5040, -27.8565, 21.4830



120.0610, -2.4951, 6.9625



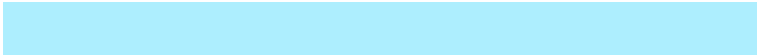
79.4150, -39.1516, 97.8600



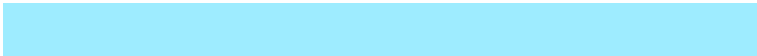
26.7670, -13.1961, 32.6533

Inverse Universe

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



220.3890, 16.5702, -41.5602



214.8440, 19.7969, -49.8522



197.4960, 27.8565, -21.4830



122.3520, 2.7845, -6.4477



111.5850, 39.1516, -97.8600



37.2330, 13.1961, -32.6533

Previews

White Background



This preview shows how the YUV color 206.6110, -16.5702, 41.5602 looks on a white background.

Color Contrast Check

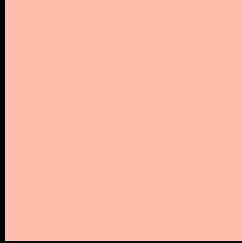
Large Text (above 18pt) WCAG AA × Fail

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 206.6110, -16.5702, 41.5602 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 206.6110, -16.5702, 41.5602 Background



This preview shows how black text looks on a background with the YUV color 206.6110, -16.5702, 41.5602.



This preview shows how white text looks on a background with the YUV color 206.6110, -16.5702, 41.5602.

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

206.6110, -16.5702, 41.5602

Protanopia

204.3680, -11.5204, 8.4473

Deuteranopia

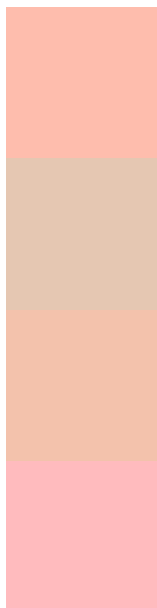
205.8110, -16.6688, 26.4758



Tritanopia

208.2270, -4.0559, 41.0199

Trichromacy



Original Color

206.6110, -16.5702, 41.5602

Protanomaly

205.5760, -13.5950, 20.5428

Deuteranomaly

206.1430, -16.8325, 32.3236

Tritanomaly

207.6740, -8.7133, 41.5049

Monochromacy



Original Color

206.6110, -16.5702, 41.5602

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.6060, -5.7218, 15.2545

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.6110, -16.5702, 41.5602 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(254, 189, 173)` looks like.

```
.text, #text, p{  
    color:rgb(254, 189, 173)  
}
```

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(254, 189, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 189, 173) }
```

Border

The CSS property to change the border of an element to YUV 206.6110, -16.5702, 41.5602 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(254, 189, 173) }
```


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

```
.border{ border-color:rgb(254, 189, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 189, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 189, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 189, 173);  
box-shadow:4px 4px 4px 4px rgb(254, 189,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 206.6110, -16.5702, 41.5602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 189, 173) }
```

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

```
.background{ background-color: rgb(254,  
189, 173) }
```

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