

Converting Colors

YUV(203.8660, -33.4579,
44.8445)

Have a look what the booklet for
YUV(203.8660, -33.4579, 44.8445)
contains.

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Color

**YUV(203.8660, -33.4579,
44.8445)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBF88
RGB	255, 191, 136
RGB Percent	100%, 75%, 53%
CMY	0.0000, 0.2510, 0.4667
CMYK	0.00, 0.25, 0.47, 0.00
HSL	28°, 100%, 77%
HSV	28°, 47%, 100%
XYZ	64.3147, 60.2992, 31.5417
YIQ	203.8660, 55.7990, -3.5370

Conversions

Conversions Part 2

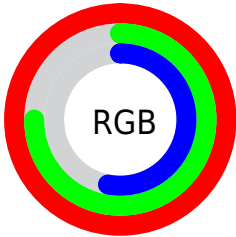
Format	Color
R _Y B	255, 238, 136
Decimal	16760712
CIE Lab	82.00, 16.55, 36.63
CIE LCh	82, 40.196, 65.692
Yxy	60.2992, 0.4119, 0.3861
Android (android.graphics.Color)	4294950792 (0xFFFFBF88)
YUV	203.8660, -33.4579, 44.8445
Hunter-Lab	77.6525, 11.9484, 30.2738

Details

The YUV color $203.8660, -33.4579, 44.8445$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $187.1340, 33.4579, -44.8445$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.8940, -26.0767, 10.6170$, and $149.3000, -31.6999, 40.9559$ is the 20% darker color. If you saturate the color by 10%, you get $192.7980, -40.3264, 54.5512$, and if you desaturate by 10%, it is $215.0480, -26.1527, 35.0379$.

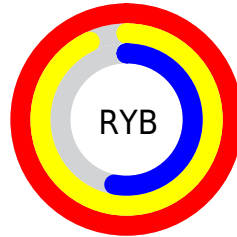
Distribution



Red (100%)

Green (75%)

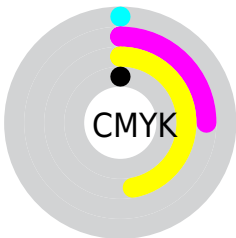
Blue (53%)



Red (100%)

Yellow (93%)

Blue (53%)

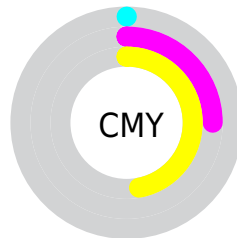


Cyan (0%)

Magenta (25%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.8660, -33.4579, 44.8445 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 203.8660, -33.4579, 44.8445 by changing the saturation by 10% instead.

 203.8660,
-33.4579, 44.8445

 203.8660,
-33.4579, 44.8445


255.0000, 0.0000,
0.0000


 176.0830,
-32.5789, 42.9002


 242.8940,
-26.0767, 10.6170


 149.3000,
-31.6999, 40.9559


 250.7820,
-16.1615, 3.6992

 122.6310,
-30.3841, 38.9116

 254.0880, -3.4944,
0.7998

 96.9620, -29.0683,
36.8673

 72.3530, -28.7680,
33.8934

 50.0690, -24.6840,
30.6345

 29.6690, -14.6268,

24.8463

■ 10.4650, -5.1592,
21.5172

■ 0.0000, 0.0000,
0.0000

■ 203.8660,
-33.4579, 44.8445

■ 203.8660,
-33.4579, 44.8445

■ 192.7980,
-40.3264, 54.5512

■ 215.0480,
-26.1527, 35.0379

■ 182.2030,
-47.9211, 63.8430

■ 225.5290,
-18.9948, 25.8461

■ 171.1350,
-54.7896, 73.5496

■ 236.7110,
-11.6895, 16.0395

■ 159.9530,
-62.0948, 83.3562

■ 247.7790, -4.8210,
6.3328

■ 148.8850,
-68.9633, 93.0629

255.0000, 0.0000,
0.0000

■ 145.5110,
-71.7369, 96.0219

Harmonies

Analogous

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



200.3730, -18.9179, 47.9079



203.8660, -33.4579, 44.8445



200.7180, -35.8500, 18.6643

Triad

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



203.8660, -33.4579, 44.8445



182.0390, 13.7848, -81.5952



206.9560, 23.6857, 9.6856

Complementary

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



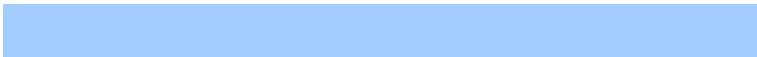
203.8660, -33.4579, 44.8445



187.1340, 33.4579, -44.8445

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.



198.1420, 28.0310, -30.8195



203.8660, -33.4579, 44.8445



177.5970, 34.2157, -101.3786

Square

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



203.8660, -33.4579, 44.8445



190.5860, -9.1629, -47.8719



186.0610, 33.9869, -74.5985



208.8090, 13.4052, 40.5095

Rectangle

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



203.8660, -33.4579, 44.8445



198.4380, -31.2749, -2.1381



186.0610, 33.9869, -74.5985



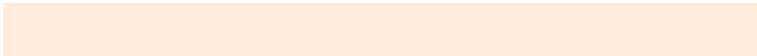
204.2210, 25.0340, -2.8248

Sweetspot

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



203.8660, -33.4579, 44.8445



239.7430, -10.2263, 13.3804



178.9910, 10.8504, 66.6599



118.4480, -6.1369, 8.3771



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.



203.8660, -33.4579, 44.8445



193.4990, -40.1790, 53.9364



237.9120, -50.2426, 14.9862



122.4090, -3.6526, 4.9033



108.7650, -53.6211, 72.1201



36.1590, -17.8264, 24.4166

Inverse Universe

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



187.1340, 33.4579, -44.8445



173.5010, 40.1790, -53.9364



153.0880, 50.2426, -14.9862



120.5910, 3.6526, -4.9033



82.2350, 53.6211, -72.1201



27.2540, 18.1158, -23.9018

Previews

White Background



This preview shows how the YUV color 203.8660, -33.4579, 44.8445 looks on a white background.

Color Contrast Check

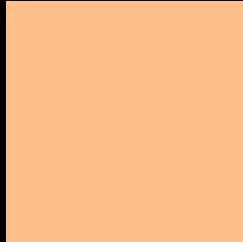
Large Text (above 18pt) WCAG AA × Fail

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 203.8660, -33.4579, 44.8445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

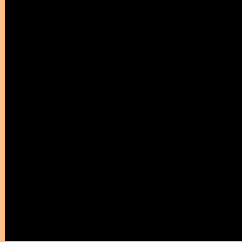
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.8660, -33.4579, 44.8445

Background



This preview shows how black text looks on a background with the YUV color 203.8660, -33.4579, 44.8445.



This preview shows how white text looks on a background with the YUV color 203.8660, -33.4579,

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

203.8660, -33.4579, 44.8445

Protanopia

201.9010, -30.0242, 16.7498

Deuteranopia

203.1100, -33.5782, 36.7375



Tritanopia

207.9990, -4.9295, 41.2199

Trichromacy



Original Color

203.8660, -33.4579, 44.8445

Protanomaly

202.3260, -31.2197, 26.9011

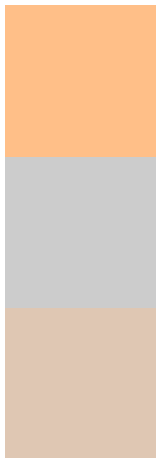
Deuteranomaly

203.7190, -33.8785, 39.7114

Tritanomaly

206.5510, -15.5546, 42.4898

Monochromacy



Original Color

203.8660, -33.4579, 44.8445

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.8960, -12.2737, 16.7542

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.8660, -33.4579, 44.8445 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, 191, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 136)  
}
```

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, 191, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 136) }
```

Border

The CSS property to change the border of an element to YUV 203.8660, -33.4579, 44.8445 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, 191, 136) }
```


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

```
.border{ border-color:rgb(255, 191, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 203.8660, -33.4579, 44.8445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 136) }
```

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

```
.background{ background-color: rgb(255,  
191, 136) }
```

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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