

Converting Colors

YUV(209.4330, -60.3595,
39.9623)

Have a look what the booklet for
YUV(209.4330, -60.3595, 39.9623)
contains.

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Color

**YUV(209.4330, -60.3595,
39.9623)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD257
RGB	255, 210, 87
RGB Percent	100%, 82%, 34%
CMY	0.0000, 0.1765, 0.6588
CMYK	0.00, 0.18, 0.66, 0.00
HSL	44°, 100%, 67%
HSV	44°, 66%, 100%
XYZ	66.0069, 68.0413, 18.6712
YIQ	209.4330, 66.3030, -28.7130

Conversions

Conversions Part 2

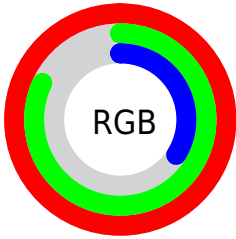
Format	Color
RYB	148, 255, 87
Decimal	16765527
CIELab	86.03, 3.01, 64.80
CIELCh	86, 64.865, 87.343
Yxy	68.0413, 0.4322, 0.4455
Android (android.graphics.Color)	4294955607 (0xFFFFD257)
YUV	209.4330, -60.3595, 39.9623
Hunter-Lab	82.4872, -1.5154, 44.3206

Details

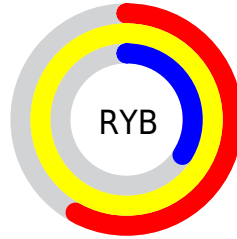
The YUV color **209.4330, -60.3595, 39.9623** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **132.5670, 60.3595, -39.9623**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1180, -49.3582, 11.2975**, and **153.0690, -61.6590, 36.7735** is the 20% darker color. If you saturate the color by 10%, you get **202.4740, -69.2537, 46.0653**, and if you desaturate by 10%, it is **216.5060, -51.0285, 33.7592**.

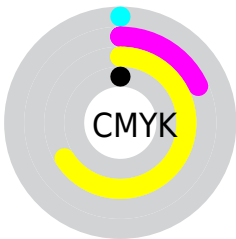
Distribution



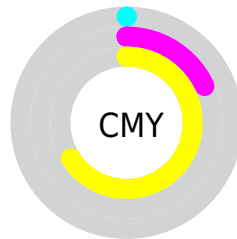
- Red (100%)
- Green (82%)
- Blue (34%)



- Red (58%)
- Yellow (100%)
- Blue (34%)



- Cyan (0%)
- Magenta (18%)
- Yellow (66%)
- Black (0%)



- Cyan (0%)
- Magenta (18%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.4330, -60.3595, 39.9623 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 209.4330, -60.3595, 39.9623 by changing the saturation by 10% instead.

209.4330,
-60.3595, 39.9623

209.4330,
-60.3595, 39.9623

255.0000, 0.0000,
0.0000

181.4220,
-60.3540, 38.2179

242.1180,
-49.3582, 11.2975

153.0690,
-61.6590, 36.7735

245.3100,
-37.1278, 8.4981

125.6450,
-61.9430, 34.5143

248.5020,
-24.8975, 5.6987

102.2990,
-50.4334, 29.5558

251.8080,
-12.2303, 2.7994

79.8390, -39.3606,
24.6972

58.5530, -28.8666,
18.8090

37.8650, -18.6674,

14.1504

■ 18.9490, -9.3419,
9.6917

■ 0.0000, 0.0000,
0.0000

■ 209.4330,
-60.3595, 39.9623

■ 209.4330,
-60.3595, 39.9623

■ 202.4740,
-69.2537, 46.0653

■ 216.5060,
-51.0285, 33.7592

■ 195.4010,
-78.5847, 52.2683

■ 223.4650,
-42.1342, 27.6562

■ 189.0290,
-87.7683, 57.8566

■ 229.9510,
-32.5138, 21.9680

■ 186.0140,
-91.7049, 60.5007

■ 236.9100,
-23.6196, 15.8649

■ 243.9830,
-14.2886, 9.6619

■ 250.9420, -5.3944,
3.5589

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



198.7820, -42.7835, 49.3032



209.4330, -60.3595, 39.9623



203.2420, -50.8983, -8.1052

Triad

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



209.4330, -60.3595, 39.9623



172.8850, 40.4827, -151.6201



209.2140, 22.5725, 40.1543

Complementary

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



209.4330, -60.3595, 39.9623



132.5670, 60.3595, -39.9623

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.



209.5480, 22.4078, -0.4806



209.4330, -60.3595, 39.9623



168.7760, 42.5084, -148.0166

Square

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



209.4330, -60.3595, 39.9623



167.4130, 19.5164, -146.8212



180.9010, 36.5308, -97.2602



196.7610, 12.9358, 51.0756

Rectangle

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



209.4330, -60.3595, 39.9623



197.0660, -34.0495, -45.6619



180.9010, 36.5308, -97.2602



213.9100, 20.2574, 36.0359

Sweetspot

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



209.4330, -60.3595, 39.9623



240.9680, -18.2252, 12.3061



142.7040, -3.7981, 98.4836



119.1830, -10.9362, 7.7325



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.



209.4330, -60.3595, 39.9623



200.3880, -72.1693, 47.8947



225.0840, -68.0754, -5.3357



124.1700, -4.5208, 3.3589



139.2890, -68.6695, 45.3505



46.7250, -23.0354, 15.1502

Inverse Universe

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



132.5670, 60.3595, -39.9623



108.6120, 72.1693, -47.8947



116.9160, 68.0754, 5.3357



118.2430, 4.8102, -2.8441



51.7110, 68.6695, -45.3505



17.2750, 23.0354, -15.1502

Previews

White Background



This preview shows how the YUV color 209.4330, -60.3595, 39.9623 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 209.4330, -60.3595, 39.9623 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 209.4330, -60.3595, 39.9623

Background



This preview shows how black text looks on a background with the YUV color 209.4330, -60.3595, 39.9623.



This preview shows how white text looks on a background with the YUV color 209.4330, -60.3595,

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

209.4330, -60.3595, 39.9623

Protanopia

208.6980, -59.0111, 27.4519

Deuteranopia

213.9590, -37.9408, 35.9930



Tritanopia

218.5140, -2.7184, 31.9982

Trichromacy



Original Color

209.4330, -60.3595, 39.9623

Protanomaly

208.9050, -59.6062, 31.6553

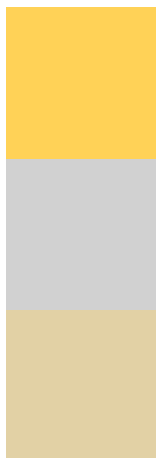
Deuteranomaly

212.4940, -46.0925, 37.2778

Tritanomaly

215.0310, -23.6793, 35.0528

Monochromacy



Original Color

209.4330, -60.3595, 39.9623

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.0670, -21.7250, 14.8502

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.4330, -60.3595, 39.9623 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, 210, 87)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 87)  
}
```

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, 210, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 87) }
```

Border

The CSS property to change the border of an element to YUV 209.4330, -60.3595, 39.9623 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, 210, 87) }
```


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

```
.border{ border-color:rgb(255, 210, 87) }
```

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

Here you see how a box with a 4 pixel rgb(255, 210, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 87);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 209.4330, -60.3595, 39.9623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 87) }
```

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

```
.background{ background-color: rgb(255,  
210, 87) }
```

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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