

Converting Colors

YUV(207.9670, -26.6057,
40.3709)

Have a look what the booklet for
YUV(207.9670, -26.6057, 40.3709)
contains.

YUV(207.9670, -26.6057, 40.3709)	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(207.9670, -26.6057,
40.3709)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC39A
RGB	254, 195, 154
RGB Percent	100%, 76%, 60%
CMY	0.0039, 0.2353, 0.3961
CMYK	0.00, 0.23, 0.39, 0.00
HSL	25°, 98%, 80%
HSV	25°, 39%, 100%
XYZ	66.2209, 62.4341, 39.1326
YIQ	207.9670, 48.3250, -0.2430

Conversions

Conversions Part 2

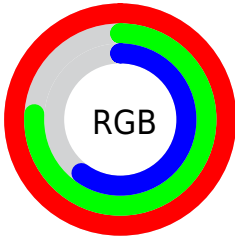
Format	Color
R _Y B	254, 223, 154
Decimal	16696218
CIE Lab	83.14, 15.91, 28.74
CIE LCh	83, 32.852, 61.028
Yxy	62.4341, 0.3947, 0.3721
Android (android.graphics.Color)	4294886298 (0xFFFE C39A)
YUV	207.9670, -26.6057, 40.3709
Hunter-Lab	79.0153, 11.3200, 25.9471

Details

The YUV color $207.9670, -26.6057, 40.3709$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $200.0330, 26.6057, -40.3709$, and the grayscale version is $208.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.9950, -19.2245, 6.1434$, and $152.8140, -24.5583, 36.9971$ is the 20% darker color. If you saturate the color by 10%, you get $196.3120, -33.1848, 50.5924$, and if you desaturate by 10%, it is $219.6220, -20.0266, 30.1495$.

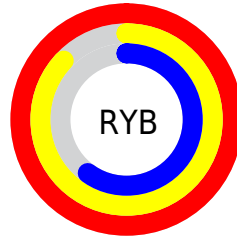
Distribution



Red (100%)

Green (76%)

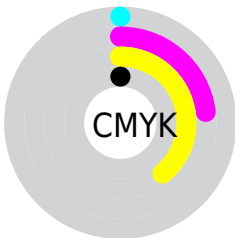
Blue (60%)



Red (100%)

Yellow (87%)

Blue (60%)

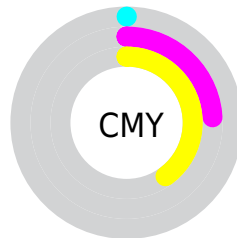


Cyan (0%)

Magenta (23%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.9670, -26.6057, 40.3709 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 207.9670, -26.6057, 40.3709 by changing the saturation by 10% instead.

207.9670,
-26.6057, 40.3709

207.9670,
-26.6057, 40.3709

255.0000, 0.0000,
0.0000

180.1840,
-25.7267, 38.4266

247.9950,
-19.2245, 6.1434

152.8140,
-24.5583, 36.9971

252.9480, -7.8624,
1.7996

126.9170,
-24.1161, 35.1528

101.2480,
-22.8003, 33.1085

76.4650, -21.9212,
31.1642

53.2690, -21.3316,
28.7051

32.0280, -15.7898,

24.5314

■ 10.7640, -5.3067,
22.1320

■ 0.0000, 0.0000,
0.0000

■ 207.9670,
-26.6057, 40.3709

■ 207.9670,
-26.6057, 40.3709

■ 196.3120,
-33.1848, 50.5924

■ 219.6220,
-20.0266, 30.1495

■ 184.5430,
-40.2007, 60.9138

■ 231.3910,
-13.0108, 19.8281

■ 172.8880,
-46.7798, 71.1352

■ 243.0460, -6.4317,
9.6067

■ 161.1190,
-53.7957, 81.4566

254.7010, 0.1474,
-0.6148

■ 149.4640,
-60.3748, 91.6781

■ 137.8090,
-66.9538, 101.8995

■ 136.9940,
-67.5380, 102.6143

Harmonies

Analogous

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



206.1920, -14.3917, 42.8046



207.9670, -26.6057, 40.3709



205.0370, -29.5982, 20.1386

Triad

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



207.9670, -26.6057, 40.3709



193.0590, 6.8729, -57.9337



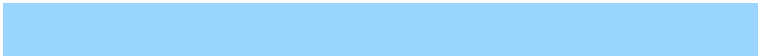
209.5700, 22.3970, 3.0081

Complementary

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



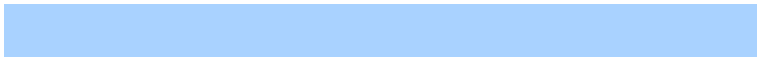
207.9670, -26.6057, 40.3709



200.0330, 26.6057, -40.3709

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.



202.8710, 25.6996, -29.7049



207.9670, -26.6057, 40.3709



191.2220, 23.0616, -70.3547

Square

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



207.9670, -26.6057, 40.3709



197.3320, -10.5167, -33.6172



195.3080, 29.4282, -59.0291



212.2270, 12.7061, 31.3729

Rectangle

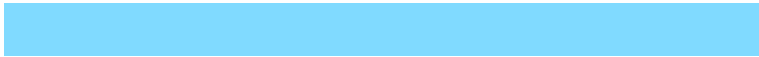
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



207.9670, -26.6057, 40.3709



203.3230, -26.7812, 3.2247



195.3080, 29.4282, -59.0291



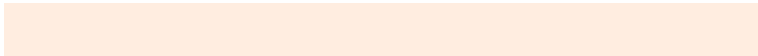
207.1450, 23.5925, -7.1432

Sweetspot

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



207.9670, -26.6057, 40.3709



240.9000, -8.3317, 12.3657



190.7400, 11.4672, 55.4790



119.4910, -4.6791, 7.4624



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.



207.9670, -26.6057, 40.3709



199.6430, -31.8690, 48.5481



236.7300, -40.7859, 15.1458



121.8220, -3.3632, 5.4181



102.8950, -50.7272, 77.2681



34.3980, -16.9582, 25.9610

Inverse Universe

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



200.0330, 26.6057, -40.3709



190.3570, 31.8690, -48.5481



171.2700, 40.7859, -15.1458



120.5910, 3.6526, -4.9033



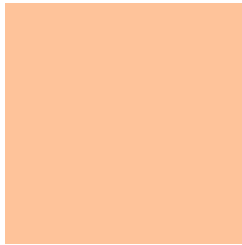
88.1050, 50.7272, -77.2681



29.6020, 16.9582, -25.9610

Previews

White Background



This preview shows how the YUV color 207.9670, -26.6057, 40.3709 looks on a white background.

Color Contrast Check

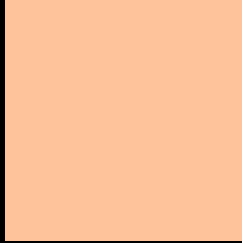
Large Text (above 18pt) WCAG AA × Fail

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 207.9670, -26.6057, 40.3709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

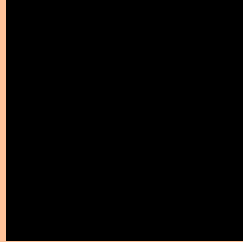
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 207.9670, -26.6057, 40.3709

Background



This preview shows how black text looks on a background with the YUV color 207.9670, -26.6057, 40.3709.



This preview shows how white text looks on a background with the YUV color 207.9670, -26.6057,

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

207.9670, -26.6057, 40.3709

Protanopia

205.7140, -23.0300, 13.4058

Deuteranopia

207.5100, -26.8734, 32.8787



Tritanopia

210.9170, -3.9031, 38.6608

Trichromacy



Original Color

207.9670, -26.6057, 40.3709

Protanomaly

206.7260, -24.5149, 23.0423

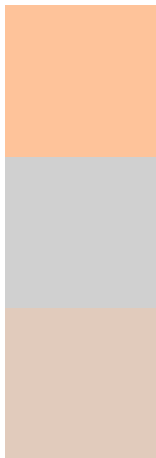
Deuteranomaly

207.8200, -27.0263, 35.2379

Tritanomaly

210.0390, -12.3442, 39.4308

Monochromacy



Original Color

207.9670, -26.6057, 40.3709

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

207.8680, -9.7949, 15.0248

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.9670, -26.6057, 40.3709 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, 195, 154)` looks like.

```
.text, #text, p{  
    color:rgb(254, 195, 154)  
}
```

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, 195, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 195, 154) }
```

Border

The CSS property to change the border of an element to YUV 207.9670, -26.6057, 40.3709 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, 195, 154) }
```


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

```
.border{ border-color:rgb(254, 195, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 195, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 195, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 195, 154);  
box-shadow:4px 4px 4px 4px rgb(254, 195,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 207.9670, -26.6057, 40.3709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 195, 154) }
```

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

```
.background{ background-color: rgb(254,  
195, 154) }
```

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