

Converting Colors

YUV(203.6720, -39.2783,
45.0147)

Have a look what the booklet for
YUV(203.6720, -39.2783, 45.0147)
contains.

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Color

**YUV(203.6720, -39.2783,
45.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC17C
RGB	255, 193, 124
RGB Percent	100%, 76%, 49%
CMY	0.0000, 0.2431, 0.5137
CMYK	0.00, 0.24, 0.51, 0.00
HSL	32°, 100%, 74%
HSV	32°, 51%, 100%
XYZ	63.9481, 60.8552, 27.4446
YIQ	203.6720, 59.1010, -8.3150

Conversions

Conversions Part 2

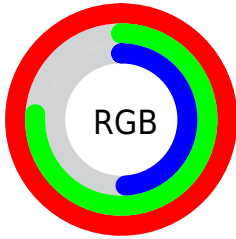
Format	Color
R _Y B	242, 255, 124
Decimal	16761212
CIE Lab	82.30, 14.42, 43.15
CIE LCh	82, 45.492, 71.525
Yxy	60.8552, 0.4200, 0.3997
Android (android.graphics.Color)	4294951292 (0xFFFFC17C)
YUV	203.6720, -39.2783, 45.0147
Hunter-Lab	78.0097, 9.8074, 33.7480

Details

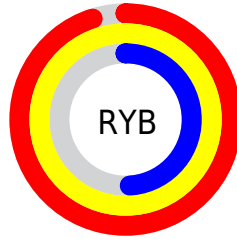
The YUV color $203.6720, -39.2783, 45.0147$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $175.3280, 39.2783, -45.0147$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.7000, -31.8971, 10.7871$, and $148.2200, -37.0835, 41.0261$ is the 20% darker color. If you saturate the color by 10%, you get $193.7780, -46.7256, 53.6917$, and if you desaturate by 10%, it is $213.6800, -31.3942, 36.2376$.

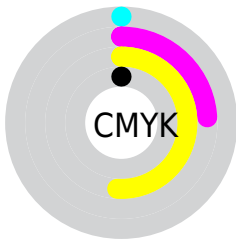
Distribution



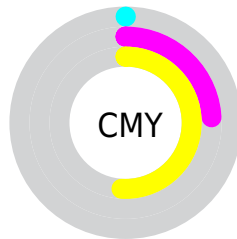
- Red (100%)
- Green (76%)
- Blue (49%)



- Red (95%)
- Yellow (100%)
- Blue (49%)



- Cyan (0%)
- Magenta (24%)
- Yellow (51%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.6720, -39.2783, 45.0147 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 203.6720, -39.2783, 45.0147 by changing the saturation by 10% instead.

203.6720,
-39.2783, 45.0147

203.6720,
-39.2783, 45.0147

255.0000, 0.0000,
0.0000

175.8890,
-38.3993, 43.0703

242.7000,
-31.8971, 10.7871

148.2200,
-37.0835, 41.0261

249.3000,
-21.8399, 4.9989

122.1380,
-36.0570, 38.4670

252.6060, -9.1728,
2.0995

96.2410, -35.6148,
36.6226

71.6320, -35.3146,
33.6487

50.6450, -24.9680,
28.3753

30.2450, -14.9108,

22.5871

■ 9.8670, -4.8644,
20.2876

■ 0.0000, 0.0000,
0.0000

■ 203.6720,
-39.2783, 45.0147

■ 203.6720,
-39.2783, 45.0147

■ 193.7780,
-46.7256, 53.6917

■ 213.6800,
-31.3942, 36.2376

■ 183.7700,
-54.6096, 62.4687

■ 223.5740,
-23.9470, 27.5606

■ 173.8760,
-62.0569, 71.1457

■ 233.5820,
-16.0629, 18.7836

■ 163.8680,
-69.9409, 79.9228

■ 243.4760, -8.6157,
10.1065

154.9030,
-76.3672, 87.7851

253.4840, -0.7316,
1.3295

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.



198.4180, -23.8701, 49.6224



203.6720, -39.2783, 45.0147



200.3600, -39.6175, 13.7163

Triad

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



203.6720, -39.2783, 45.0147



170.8760, 24.2181, -114.7783



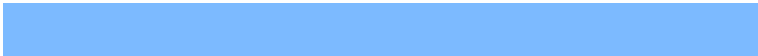
208.4950, 22.9270, 19.7369

Complementary

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



203.6720, -39.2783, 45.0147



175.3280, 39.2783, -45.0147

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.



198.7620, 27.7253, -26.1013



203.6720, -39.2783, 45.0147



161.1450, 46.2705, -141.3242

Square

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



203.6720, -39.2783, 45.0147



186.2250, -5.0409, -63.3413



183.3590, 35.3190, -81.8758



205.5320, 13.5417, 43.3834

Rectangle

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



203.6720, -39.2783, 45.0147



196.6390, -32.8530, -9.3304



183.3590, 35.3190, -81.8758



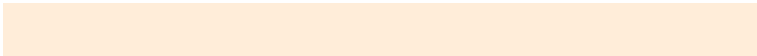
205.7490, 24.2807, 5.4821

Sweetspot

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



203.6720, -39.2783, 45.0147



240.1020, -11.3893, 13.0655



170.3510, 8.2080, 74.2372



118.9210, -6.8631, 7.9623



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.



203.6720, -39.2783, 45.0147



192.9630, -47.3098, 54.4064



239.4680, -56.9257, 11.8676



122.4090, -3.6526, 4.9033



116.3960, -57.3832, 65.4277



39.0940, -19.2733, 21.8426

Inverse Universe

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



175.3280, 39.2783, -45.0147



159.0370, 47.3098, -54.4064



139.5320, 56.9257, -11.8676



120.0040, 3.9420, -4.3885



75.1910, 57.0938, -65.9425



24.9060, 19.2733, -21.8426

Previews

White Background



This preview shows how the YUV color 203.6720, -39.2783, 45.0147 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 203.6720, -39.2783, 45.0147 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 203.6720, -39.2783, 45.0147

Background



This preview shows how black text looks on a background with the YUV color 203.6720, -39.2783, 45.0147.



This preview shows how white text looks on a background with the YUV color 203.6720, -39.2783, 45.0147.

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

203.6720, -39.2783, 45.0147

Protanopia

202.0170, -35.9974, 19.2791

Deuteranopia

203.5250, -39.6988, 39.8816



Tritanopia

208.7000, -4.7821, 40.6051

Trichromacy



Original Color

203.6720, -39.2783, 45.0147

Protanomaly

202.7300, -37.3349, 28.3008

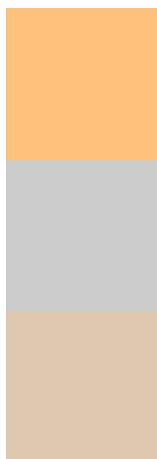
Deuteranomaly

203.5360, -39.7042, 41.6259

Tritanomaly

206.7960, -17.1544, 42.2749

Monochromacy



Original Color

203.6720, -39.2783, 45.0147

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.0270, -14.3103, 16.6393

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.6720, -39.2783, 45.0147 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, 193, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 124)  
}
```

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, 193, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 124) }
```

Border

The CSS property to change the border of an element to YUV 203.6720, -39.2783, 45.0147 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, 193, 124) }
```


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

```
.border{ border-color:rgb(255, 193, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 203.6720, -39.2783, 45.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 124) }
```

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

```
.background{ background-color: rgb(255,  
193, 124) }
```

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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