

Converting Colors

YUV(166.0420, -7.4157,
-48.2718)

Have a look what the booklet for
YUV(166.0420, -7.4157, -48.2718)
contains.

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Color

**YUV(166.0420, -7.4157,
-48.2718)**

Conversions

Conversions Part 1

Format	Color
Hex	6FC597
RGB	111, 197, 151
RGB Percent	44%, 77%, 59%
CMY	0.5647, 0.2275, 0.4078
CMYK	0.44, 0.00, 0.23, 0.23
HSL	148°, 43%, 60%
HSV	148°, 44%, 77%
XYZ	32.1077, 45.5464, 36.3772
YIQ	166.0420, -36.4900, -32.5380

Conversions

Conversions Part 2

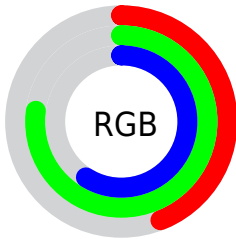
Format	Color
RYB	111, 170, 197
Decimal	7325079
CIELab	73.25, -36.47, 15.10
CIElCh	73, 39.477, 157.508
Yxy	45.5464, 0.2816, 0.3994
Android (android.graphics.Color)	4285515159 (0xFF6FC597)
YUV	166.0420, -7.4157, -48.2718
Hunter-Lab	67.4881, -33.1820, 15.2833

Details

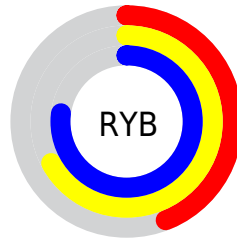
The YUV color **166.0420, -7.4157, -48.2718** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **141.9580, 7.4157, 48.2718**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1020, -8.4313, -49.2015**, and **112.0850, -5.9579, -49.1865** is the 20% darker color. If you saturate the color by 10%, you get **158.8080, -9.2723, -59.4676**, and if you desaturate by 10%, it is **173.2760, -5.5591, -37.0761**.

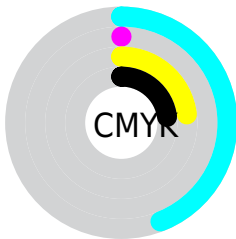
Distribution



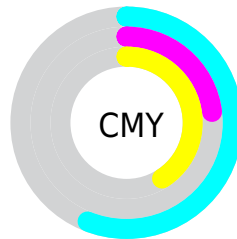
- Red (44%)
- Green (77%)
- Blue (59%)



- Red (44%)
- Yellow (67%)
- Blue (77%)



- Cyan (44%)
- Magenta (0%)
- Yellow (23%)
- Black (23%)





- Cyan (56%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.0420, -7.4157, -48.2718 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 166.0420, -7.4157, -48.2718 by changing the saturation by 10% instead.

 166.0420, -7.4157,
-48.2718

 166.0420, -7.4157,
-48.2718


255.0000, 0.0000,
0.0000


 138.5690, -6.6895,
-47.8570


 222.1020, -8.4313,
-49.2015

 112.0850, -5.9579,
-49.1865


 234.6660, -0.3283,
-34.7871


 84.5190, -4.1999,
-53.0752

 245.7310, 4.5696,
-19.0581

 59.4590, -3.1843,
-52.1455

254.4020, 0.2948,
-1.2296

 42.8630, -5.8485,
-37.5909

 26.8540, -8.8020,
-23.5510

 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 166.0420, -7.4157,
-48.2718

■ 166.0420, -7.4157,
-48.2718

■ 158.8080, -9.2723,
-59.4676

■ 173.2760, -5.5591,
-37.0761

■ 151.9870,
-10.8396, -70.1486

■ 180.0970, -3.9918,
-26.3951

■ 144.7530,
-12.6962, -81.3444

■ 187.3310, -2.1352,
-15.1993

■ 137.6330,
-14.1161, -92.6401

■ 194.4510, -0.7153,
-3.9035

■ 130.3990,
-15.9727, -103.8359

■ 201.6850, 1.1413,
7.2923

■ 126.1270,
-16.8246, -110.6134

■ 208.5060, 2.7085,
17.9732

■ 215.7400, 4.5652,
29.1690

■ 218.6740, 8.0487,
31.8579

■ 219.9280, 12.8535,
30.7581

Harmonies

Analogous

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



172.5550, -25.4166, -14.5187



166.0420, -7.4157, -48.2718



155.8860, 15.8322, -84.9690

Triad

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



166.0420, -7.4157, -48.2718



176.7320, 36.6141, -30.4600



181.4450, -21.4184, 56.6147

Complementary

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



166.0420, -7.4157, -48.2718



141.9580, 7.4157, 48.2718

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.



183.5820, -5.7099, 58.2486



166.0420, -7.4157, -48.2718



183.6510, 26.3011, 10.8301

Square

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



166.0420, -7.4157, -48.2718



163.4830, 40.6809, -74.9686



184.9510, 11.3632, 42.1390



179.4850, -32.2841, 41.6707

Rectangle

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



166.0420, -7.4157, -48.2718



147.2600, 31.9168, -110.7300



184.9510, 11.3632, 42.1390



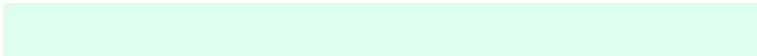
182.0200, -16.7719, 59.6185

Sweetspot

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



166.0420, -7.4157, -48.2718



243.0810, -2.9979, -18.4880



175.5350, -31.8158, -15.3782



120.4670, -1.7092, -11.8106



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.



166.0420, -7.4157, -48.2718



207.1390, -11.4075, -74.6669



170.8300, 10.9298, -52.4709



95.7390, -0.8573, -5.0331



104.3450, -13.9741, -91.5106



23.0700, -2.9925, -20.2324

Inverse Universe

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



141.9580, 7.4157, 48.2718



169.8610, 11.4075, 74.6669



137.1700, -10.9298, 52.4709



93.2610, 0.8573, 5.0331



58.6550, 13.9741, 91.5106



12.9300, 2.9925, 20.2324

Previews

White Background



This preview shows how the YUV color 166.0420, -7.4157, -48.2718 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 166.0420, -7.4157, -48.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

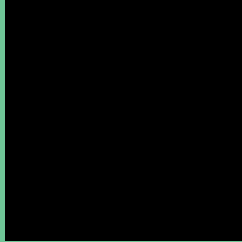
Any Text WCAG AA ✓ Pass

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 166.0420, -7.4157, -48.2718 Background



This preview shows how black text looks on a background with the YUV color 166.0420, -7.4157, -48.2718.



This preview shows how white text looks on a background with the YUV color 166.0420, -7.4157, -48.2718.

-48.2718.

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

166.0420, -7.4157, -48.2718

Protanopia

178.0710, -17.7830, 10.4617

Deuteranopia

179.7440, -11.7058, 21.2725



Tritanopia

171.9760, 16.2808, -42.0750

Trichromacy



Original Color

166.0420, -7.4157, -48.2718



Protanomaly

173.8510, -14.2235, -11.2703



Deuteranomaly

174.6330, -10.1721, -4.0631



Tritanomaly

169.9620, 7.4137, -44.6937

Monochromacy



Original Color

166.0420, -7.4157, -48.2718



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.9070, -2.4192, -17.4584

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.0420, -7.4157, -48.2718 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(111, 197, 151)` looks like.

```
.text, #text, p{  
    color:rgb(111, 197, 151)  
}
```

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(111, 197, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 197, 151) }
```

Border

The CSS property to change the border of an element to YUV 166.0420, -7.4157, -48.2718 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(111, 197, 151) }
```


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

```
.border{ border-color:rgb(111, 197, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 197, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 197, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 197, 151);  
box-shadow:4px 4px 4px 4px rgb(111, 197,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 166.0420, -7.4157, -48.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 197, 151) }
```

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

```
.background{ background-color: rgb(111,  
197, 151) }
```

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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