

Converting Colors

YUV(156.2040, 11.2384,
82.2591)

Have a look what the booklet for
YUV(156.2040, 11.2384, 82.2591)
contains.

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Color

**YUV(156.2040, 11.2384,
82.2591)**

Conversions

Conversions Part 1

Format	Color
Hex	FA68B3
RGB	250, 104, 179
RGB Percent	98%, 41%, 70%
CMY	0.0196, 0.5922, 0.2980
CMYK	0.00, 0.58, 0.28, 0.02
HSL	329°, 94%, 69%
HSV	329°, 58%, 98%
XYZ	52.5113, 33.4793, 46.3423
YIQ	156.2040, 62.9410, 54.2770

Conversions

Conversions Part 2

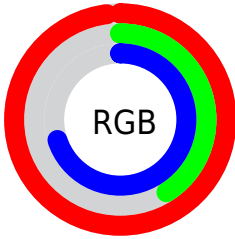
Format	Color
R _Y B	250, 104, 179
Decimal	16410803
CIE Lab	64.55, 63.09, -11.57
CIE LCh	65, 64.141, 349.610
Yxy	33.4793, 0.3968, 0.2530
Android (android.graphics.Color)	4294600883 (0xFFFA68B3)
YUV	156.2040, 11.2384, 82.2591
Hunter-Lab	57.8613, 60.7383, -6.9837

Details

The YUV color **156.2040, 11.2384, 82.2591** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **197.7960, -11.2384, -82.2591**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.5420, 18.4668, 50.3907**, and **97.0020, 14.2960, 81.5592** is the 20% darker color. If you saturate the color by 10%, you get **140.1610, 13.2316, 96.3288**, and if you desaturate by 10%, it is **172.2470, 9.2452, 68.1894**.

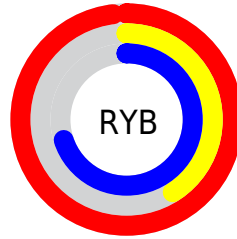
Distribution



Red (98%)

Green (41%)

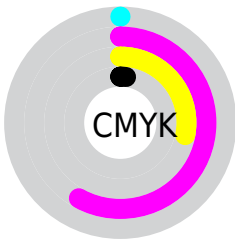
Blue (70%)



Red (98%)

Yellow (41%)

Blue (70%)

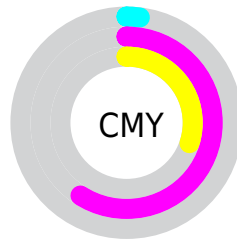


Cyan (0%)

Magenta (58%)

Yellow (28%)

Black (2%)



Cyan (2%)


Magenta (59%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.2040, 11.2384, 82.2591 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 156.2040, 11.2384, 82.2591 by changing the saturation by 10% instead.


 156.2040, 11.2384,
82.2591


 156.2040, 11.2384,
82.2591


255.0000, 0.0000,
0.0000


 127.1330, 12.2594,
81.4444


 197.5420, 18.4668,
50.3907


 97.0020, 14.2960,
81.5592


 216.8450, 18.8104,
33.4619


 59.6530, 20.3841,
88.8813

 233.8680, 10.4181,
18.5328

 48.2460, 14.1757,
73.4523

 251.4780, 1.7363,
3.0888

 36.9530, 8.4042,
57.9232

 26.1870, 3.3588,
42.8090

 15.4490, -4.1654,

29.4242

■ 0.0000, 0.0000,
0.0000

■ 156.2040, 11.2384,
82.2591

■ 156.2040, 11.2384,
82.2591

■ 140.1610, 13.2316,
96.3288

■ 172.2470, 9.2452,
68.1894

■ 124.1180, 15.2248,
110.3985

■ 188.2900, 7.2520,
54.1197

■ 108.0750, 17.2180,
124.4682

■ 204.3330, 5.2588,
40.0500

■ 91.9180, 18.7744,
138.6379

■ 220.4900, 3.7024,
25.8803

■ 89.3420, 19.0584,
140.8971

■ 236.5330, 1.7092,
11.8106

252.5760, -0.2840,
-2.2592

253.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



161.4170, 34.7974, 39.0993



156.2040, 11.2384, 82.2591



151.0870, -14.8329, 91.1317

Triad

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



156.2040, 11.2384, 82.2591



145.5810, -55.0094, 3.8755



133.3620, 54.0515, -116.9585

Complementary

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



156.2040, 11.2384, 82.2591



197.7960, -11.2384, -82.2591

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.



130.0100, 31.0541, -114.0188



156.2040, 11.2384, 82.2591



136.1130, -28.6497, -50.9651

Square

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



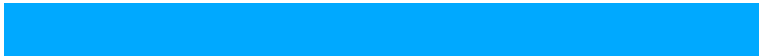
156.2040, 11.2384, 82.2591



150.2210, -58.7760, 45.4102



122.6970, 5.5724, -107.6053



128.2730, 62.4764, -112.4954

Rectangle

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



156.2040, 11.2384, 82.2591



152.6460, -32.8565, 85.3795



122.6970, 5.5724, -107.6053



132.8260, 46.9208, -116.4884

Sweetspot

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



156.2040, 11.2384, 82.2591



225.4900, 3.7024, 25.8803



141.8730, 53.3066, 29.0524



109.3810, 2.2772, 16.3289



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.



156.2040, 11.2384, 82.2591



140.5960, 13.5102, 100.3323



147.8820, -20.6478, 89.5575



116.6850, 1.1413, 7.2923



67.5690, 14.5095, 106.4950



21.7730, 4.5489, 34.4021

Inverse Universe

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



156.2040, 11.2384, 82.2591



140.5960, 13.5102, 100.3323



206.1180, 20.6478, -89.5575



116.6850, 1.1413, 7.2923



67.5690, 14.5095, 106.4950



21.7730, 4.5489, 34.4021

Previews

White Background



This preview shows how the YUV color 156.2040, 11.2384, 82.2591 looks on a white background.

Color Contrast Check

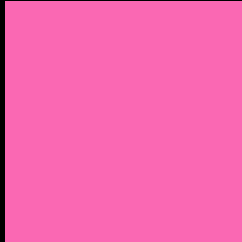
Large Text (above 18pt) WCAG AA × Fail

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 156.2040, 11.2384, 82.2591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

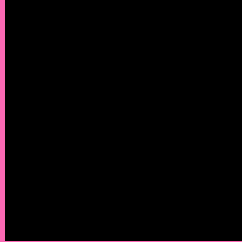
Any Text WCAG AA ✓ Pass

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 156.2040, 11.2384, 82.2591 Background



This preview shows how black text looks on a background with the YUV color 156.2040, 11.2384, 82.2591.



This preview shows how white text looks on a background with the YUV color 156.2040, 11.2384, 82.2591.

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

156.2040, 11.2384, 82.2591

Protanopia

157.2410, 27.9822, -15.1204

Deuteranopia

158.6400, 6.0935, 5.5777



Tritanopia

155.4830, -15.5211, 78.5064

Trichromacy



Original Color

156.2040, 11.2384, 82.2591



Protanomaly

156.5660, 21.9060, 20.5516



Deuteranomaly

157.6850, 8.0433, 33.6023



Tritanomaly

156.0130, -5.9224, 79.7956

Monochromacy



Original Color

156.2040, 11.2384, 82.2591



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

155.9250, 3.9810, 29.8838

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.2040, 11.2384, 82.2591 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(250, 104, 179)` looks like.

```
.text, #text, p{  
    color:rgb(250, 104, 179)  
}
```

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(250, 104, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 104, 179) }
```

Border

The CSS property to change the border of an element to YUV 156.2040, 11.2384, 82.2591 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(250, 104, 179) }
```


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

```
.border{ border-color:rgb(250, 104, 179) }
```

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

Here you see how a box with a 4 pixel rgb(250, 104, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 104, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 104, 179);  
box-shadow:4px 4px 4px 4px rgb(250, 104,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 156.2040, 11.2384, 82.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 104, 179) }
```

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

```
.background{ background-color: rgb(250,  
104, 179) }
```

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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