

Converting Colors

YUV(156.4760, 28.8523,
79.3895)

Have a look what the booklet for
YUV(156.4760, 28.8523, 79.3895)
contains.

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Color

**YUV(156.4760, 28.8523,
79.3895)**

Conversions

Conversions Part 1

Format	Color
Hex	F763D7
RGB	247, 99, 215
RGB Percent	97%, 39%, 84%
CMY	0.0314, 0.6118, 0.1569
CMYK	0.00, 0.60, 0.13, 0.03
HSL	313°, 90%, 68%
HSV	313°, 60%, 97%
XYZ	55.0854, 33.6041, 67.8729
YIQ	156.4760, 50.9720, 67.4520

Conversions

Conversions Part 2

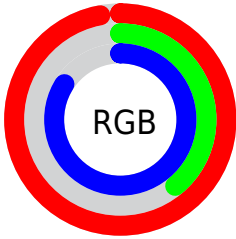
Format	Color
R_{YB}	247, 99, 215
Decimal	16212951
CIE _{Lab}	64.65, 69.25, -31.80
CIE _{LCh}	65, 76.207, 335.336
Yxy	33.6041, 0.3518, 0.2146
Android (android.graphics.Color)	4294403031 (0xFFFF763D7)
YUV	156.4760, 28.8523, 79.3895
Hunter-Lab	57.9691, 68.1745, -28.8412

Details

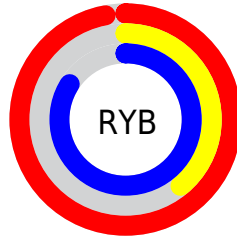
The YUV color **156.4760, 28.8523, 79.3895** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **189.5240, -28.8523, -79.3895**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.4740, 28.3603, 50.4503**, and **94.1110, 32.4833, 81.4637** is the 20% darker color. If you saturate the color by 10%, you get **141.2310, 33.9031, 92.7594**, and if you desaturate by 10%, it is **171.7210, 23.8015, 66.0197**.

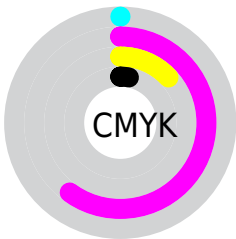
Distribution



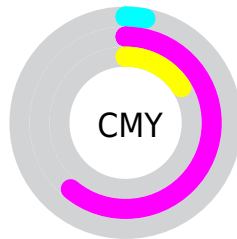
- Red (97%)
- Green (39%)
- Blue (84%)



- Red (97%)
- Yellow (39%)
- Blue (84%)



- Cyan (0%)
- Magenta (60%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (61%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.4760, 28.8523, 79.3895 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 156.4760, 28.8523, 79.3895 by changing the saturation by 10% instead.


 156.4760, 28.8523,
79.3895


 156.4760, 28.8523,
79.3895


255.0000, 0.0000,
0.0000


 126.7040, 29.7259,
79.1896


 197.4740, 28.3603,
50.4503


 94.1110, 32.4833,
81.4637


 214.4970, 19.9680,
35.5211


 62.4040, 34.8038,
83.8377

 231.5200, 11.5756,
20.5920

 51.1820, 28.0113,
69.1234

 249.1300, 2.8939,
5.1480

 39.9600, 21.2187,
54.4091

 28.9660, 15.2998,
39.4948

 18.5700, 9.0860,

25.8101

■ 2.0800, 5.3836,
-0.0702

■ 0.0000, 0.0000,
0.0000

■ 156.4760, 28.8523,
79.3895

■ 156.4760, 28.8523,
79.3895

■ 141.2310, 33.9031,
92.7594

■ 171.7210, 23.8015,
66.0197

■ 126.4590, 38.2277,
105.7145

■ 186.4930, 19.4770,
53.0646

■ 111.2140, 43.2785,
119.0843

■ 201.7380, 14.4262,
39.6948

■ 95.9690, 48.3293,
132.4542

■ 216.9830, 9.3754,
26.3249

232.3420, 4.7614,
12.8551

247.0000, 0.0000,
0.0000

252.2660, -0.1311,
-4.6183

252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



158.5690, 47.5405, 11.7790



156.4760, 28.8523, 79.3895



141.2510, 3.3273, 99.7579

Triad

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



156.4760, 28.8523, 79.3895



145.6690, -71.8148, 27.4773



135.8580, 48.3840, -119.1475

Complementary

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



156.4760, 28.8523, 79.3895



189.5240, -28.8523, -79.3895

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.



129.3940, 18.5398, -113.4785



156.4760, 28.8523, 79.3895



136.7420, -56.0748, -27.8377

Square

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



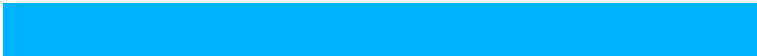
156.4760, 28.8523, 79.3895



148.1060, -67.5933, 73.5750



118.9520, -11.3153, -104.3209



134.1430, 59.5825, -117.6434

Rectangle

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



156.4760, 28.8523, 79.3895



141.4040, -18.9332, 99.6237



118.9520, -11.3153, -104.3209



134.0510, 38.9219, -117.5627

Sweetspot

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



156.4760, 28.8523, 79.3895



226.8580, 8.9440, 24.6805



124.8420, 60.2239, 3.6466



110.1790, 5.3348, 15.6290



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.



156.4760, 28.8523, 79.3895



142.4320, 35.7760, 98.7221



148.2680, -2.5971, 86.5880



114.7280, 2.5991, 6.3775



72.2580, 36.3548, 99.7517



22.8850, 11.3957, 31.6729

Inverse Universe

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



156.4760, 28.8523, 79.3895



142.4320, 35.7760, 98.7221



197.7320, 2.5971, -86.5880



114.7280, 2.5991, 6.3775



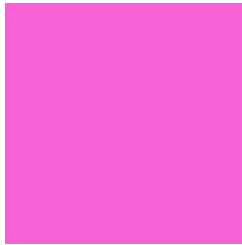
72.2580, 36.3548, 99.7517



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 156.4760, 28.8523, 79.3895 looks on a white background.

Color Contrast Check

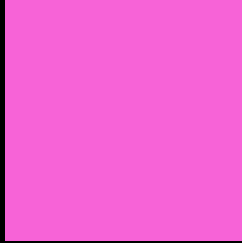
Large Text (above 18pt) WCAG AA × Fail

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 156.4760, 28.8523, 79.3895 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 156.4760, 28.8523, 79.3895

Background



This preview shows how black text looks on a background with the YUV color 156.4760, 28.8523, 79.3895.



This preview shows how white text looks on a background with the YUV color 156.4760, 28.8523, 79.3895.

79.3895.

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

156.4760, 28.8523, 79.3895

Protanopia

154.4510, 49.5707, -32.8445

Deuteranopia

157.5360, 23.8928, -10.1171



Tritanopia

157.0090, -13.3154, 71.0291

Trichromacy



Original Color

156.4760, 28.8523, 79.3895



Protanomaly

155.0540, 41.8784, 7.8456



Deuteranomaly

157.2010, 25.5369, 22.6257



Tritanomaly

156.7440, 2.0982, 73.8925

Monochromacy



Original Color

156.4760, 28.8523, 79.3895



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

155.9340, 10.3855, 28.9989

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.4760, 28.8523, 79.3895 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(247, 99, 215)` looks like.

```
.text, #text, p{  
    color:rgb(247, 99, 215)  
}
```

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(247, 99, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 99, 215) }
```

Border

The CSS property to change the border of an element to YUV 156.4760, 28.8523, 79.3895 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(247, 99, 215) }
```


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

```
.border{ border-color:rgb(247, 99, 215) }
```

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

Here you see how a box with a 4 pixel rgb(247, 99, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 99, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 99, 215);  
box-shadow:4px 4px 4px 4px rgb(247, 99,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 156.4760, 28.8523, 79.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 99, 215) }
```

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

```
.background{ background-color: rgb(247, 99,  
215) }
```

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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