

Converting Colors

YUV(166.7520, 30.1953,
68.6235)

Have a look what the booklet for
YUV(166.7520, 30.1953, 68.6235)
contains.

YUV(166.7520, 30.1953, 68.6235)	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(166.7520, 30.1953,
68.6235)**

Conversions

Conversions Part 1

Format	Color
Hex	F573E4
RGB	245, 115, 228
RGB Percent	96%, 45%, 89%
CMY	0.0392, 0.5490, 0.1059
CMYK	0.00, 0.53, 0.07, 0.04
HSL	308°, 87%, 71%
HSV	308°, 53%, 96%
XYZ	57.7905, 37.2754, 77.5478
YIQ	166.7520, 41.2070, 62.7030

Conversions

Conversions Part 2

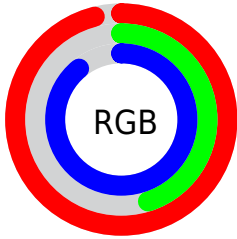
Format	Color
R _Y B	245, 115, 228
Decimal	16085988
CIE _{Lab}	67.48, 63.75, -34.67
CIE _{LCh}	67, 72.565, 331.458
Y _{xy}	37.2754, 0.3348, 0.2159
Android (android.graphics.Color)	4294276068 (0xFFFF573E4)
Y _{UV}	166.7520, 30.1953, 68.6235
Hunter-Lab	61.0536, 62.1162, -32.5703

Details

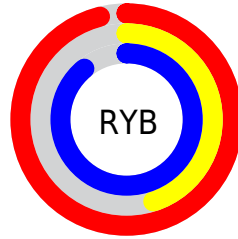
The YUV color **166.7520, 30.1953, 68.6235** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **193.2480, -30.1953, -68.6235**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2790, 24.0195, 42.7283**, and **108.6810, 31.2163, 67.8088** is the 20% darker color. If you saturate the color by 10%, you get **152.3220, 35.8303, 81.2786**, and if you desaturate by 10%, it is **181.7690, 24.2709, 55.4536**.

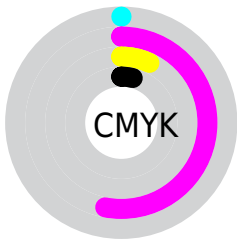
Distribution



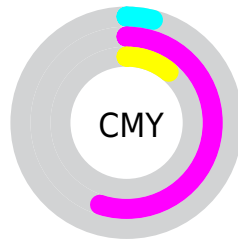
- Red (96%)
- Green (45%)
- Blue (89%)



- Red (96%)
- Yellow (45%)
- Blue (89%)



- Cyan (0%)
- Magenta (53%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (55%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 166.7520, 30.1953, 68.6235 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 166.7520, 30.1953, 68.6235 by changing the saturation by 10% instead.


 166.7520, 30.1953,
68.6235


 166.7520, 30.1953,
68.6235


255.0000, 0.0000,
0.0000

 138.1540, 30.4901,
67.3939


 206.2790, 24.0195,
42.7283


 108.6810, 31.2163,
67.8088


 222.7150, 15.9165,
28.3139

 75.8000, 34.1156,
71.2124

 240.3250, 7.2348,
12.8700

 52.1370, 32.9635,
67.4089

 40.9150, 26.1709,
52.6945

 30.1060, 19.6677,
38.4950

 20.3080, 13.1592,

26.0399

■ 5.8400, 9.4459,
3.6483

■ 0.0000, 0.0000,
0.0000

■ 166.7520, 30.1953,
68.6235

■ 166.7520, 30.1953,
68.6235

■ 152.3220, 35.8303,
81.2786

■ 181.7690, 24.2709,
55.4536

■ 137.3050, 41.7546,
94.4485

■ 196.1990, 18.6359,
42.7985

■ 122.7610, 46.9528,
107.2036

■ 211.3300, 13.1483,
29.5286

■ 107.7440, 52.8772,
120.3735

■ 225.7600, 7.5133,
16.8735

97.5370, 56.9233,
129.3251

240.7770, 1.5889,
3.7036

251.0980, -2.0203,
-5.3479

251.4400, -0.7099,
-5.6479

251.8960, 1.0373,
-6.0478

252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



164.1180, 44.8048, 2.5275



166.7520, 30.1953, 68.6235



151.8800, 5.9752, 90.4362

Triad

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



166.7520, 30.1953, 68.6235



152.8010, -75.3309, 35.2545



140.2120, 44.7585, -122.9659

Complementary

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



166.7520, 30.1953, 68.6235



193.2480, -30.1953, -68.6235

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.



132.8020, 16.3666, -116.4674



166.7520, 30.1953, 68.6235



147.7370, -55.0863, -18.1863

Square

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



166.7520, 30.1953, 68.6235



158.2770, -56.8316, 75.1791



122.7020, -12.1781, -107.6097



138.8390, 57.2674, -121.7618

Rectangle

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



166.7520, 30.1953, 68.6235



149.9130, -14.2541, 92.1613



122.7020, -12.1781, -107.6097



138.4050, 35.2963, -121.3812

Sweetspot

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



166.7520, 30.1953, 68.6235



230.3630, 9.6810, 21.6066



134.3050, 54.5726, -3.7755



112.8690, 5.4876, 13.2699



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.



166.7520, 30.1953, 68.6235



156.9250, 37.9980, 86.0118



159.5700, 2.6770, 74.9221



114.8420, 3.0359, 6.2776



74.0820, 43.3436, 98.1521



23.4550, 13.5797, 31.1730

Inverse Universe

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



166.7520, 30.1953, 68.6235



156.9250, 37.9980, 86.0118



200.4300, -2.6770, -74.9221



114.8420, 3.0359, 6.2776



74.0820, 43.3436, 98.1521



23.4550, 13.5797, 31.1730

Previews

White Background



This preview shows how the YUV color 166.7520, 30.1953, 68.6235 looks on a white background.

Color Contrast Check

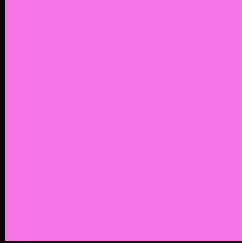
Large Text (above 18pt) WCAG AA × Fail

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 166.7520, 30.1953, 68.6235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

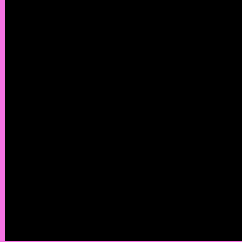
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.7520, 30.1953, 68.6235

Background



This preview shows how black text looks on a background with the YUV color 166.7520, 30.1953, 68.6235.



This preview shows how white text looks on a background with the YUV color 166.7520, 30.1953,

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

166.7520, 30.1953, 68.6235

Protanopia

163.0340, 45.3392, -28.9708

Deuteranopia

165.0240, 27.1032, -13.1760



Tritanopia

166.3390, -10.5201, 61.0927

Trichromacy



Original Color

166.7520, 30.1953, 68.6235



Protanomaly

164.4730, 39.6998, 6.6012



Deuteranomaly

165.8520, 28.1740, 16.7928



Tritanomaly

166.5470, 4.1673, 63.5413

Monochromacy



Original Color

166.7520, 30.1953, 68.6235



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

166.7270, 10.9806, 24.7954

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.7520, 30.1953, 68.6235 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(245, 115, 228)` looks like.

```
.text, #text, p{  
    color:rgb(245, 115, 228)  
}
```

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(245, 115, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 115, 228) }
```

Border

The CSS property to change the border of an element to YUV 166.7520, 30.1953, 68.6235 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(245, 115, 228) }
```


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

```
.border{ border-color:rgb(245, 115, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 115, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 115, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 115, 228);  
box-shadow:4px 4px 4px 4px rgb(245, 115,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 166.7520, 30.1953, 68.6235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 115, 228) }
```

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

```
.background{ background-color: rgb(245,  
115, 228) }
```

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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