

Converting Colors

YUV(160.3050, -2.1224,
74.2775)

Have a look what the booklet for
YUV(160.3050, -2.1224, 74.2775)
contains.

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Color

**YUV(160.3050, -2.1224,
74.2775)**

Conversions

Conversions Part 1

Format	Color
Hex	F5769C
RGB	245, 118, 156
RGB Percent	96%, 46%, 61%
CMY	0.0392, 0.5373, 0.3882
CMYK	0.00, 0.52, 0.36, 0.04
HSL	342°, 86%, 71%
HSV	342°, 52%, 96%
XYZ	50.1354, 34.7696, 35.5213
YIQ	160.3050, 63.4940, 38.7420

Conversions

Conversions Part 2

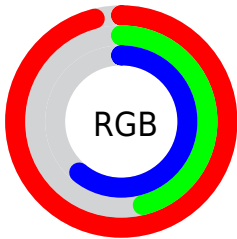
Format	Color
R_{YB}	245, 118, 156
Decimal	16086684
CIE _{Lab}	65.57, 52.40, 2.96
CIE _{LCh}	66, 52.484, 3.228
Yxy	34.7696, 0.4163, 0.2887
Android (android.graphics.Color)	4294276764 (0xFFFF5769C)
YUV	160.3050, -2.1224, 74.2775
Hunter-Lab	58.9658, 48.5786, 5.5595

Details

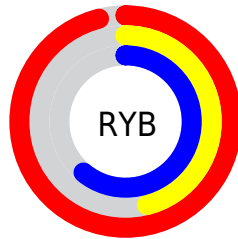
The YUV color **160.3050, -2.1224, 74.2775** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **202.6950, 2.1224, -74.2775**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.7360, 4.0742, 46.7125**, and **104.2660, 0.3619, 70.8037** is the 20% darker color. If you saturate the color by 10%, you get **144.2790, -2.6025, 88.3323**, and if you desaturate by 10%, it is **176.9180, -1.9316, 59.7079**.

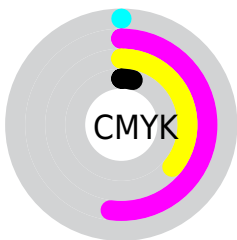
Distribution



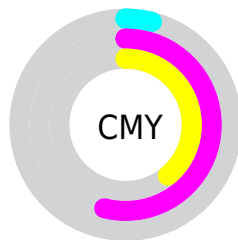
- Red (96%)
- Green (46%)
- Blue (61%)



- Red (96%)
- Yellow (46%)
- Blue (61%)



- Cyan (0%)
- Magenta (52%)
- Yellow (36%)
- Black (4%)




- Cyan (4%)
- Magenta (54%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YUV color 160.3050, -2.1224, 74.2775 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 160.3050, -2.1224, 74.2775 by changing the saturation by 10% instead.


 160.3050, -2.1224,
74.2775

 160.3050, -2.1224,
74.2775

255.0000, 0.0000,
0.0000


 132.5220, -1.2433,
72.3332

 201.7360, 4.0742,
46.7125

 104.2660, 0.3619,
70.8037


 222.0650, 8.3490,
28.8840

 75.8360, 2.5459,
70.3038

 240.9120, 6.9454,
12.3552

 44.5850, 6.6136,
72.2780

 33.8190, 1.5682,
57.1637

 23.2380, -4.0613,
42.7643

 13.5690, -6.1965,

27.5650

■ 0.0000, 0.0000,
0.0000

■ 160.3050, -2.1224,
74.2775

■ 160.3050, -2.1224,
74.2775

■ 144.2790, -2.6025,
88.3323

■ 176.9180, -1.9316,
59.7079

■ 127.6660, -2.7933,
102.9019

■ 192.9440, -1.4514,
45.6531

■ 110.9390, -3.4209,
117.5715

■ 209.6710, -0.8238,
30.9835

■ 94.9130, -3.9011,
131.6263

■ 225.6970, -0.3436,
16.9287

■ 81.5770, -4.2285,
143.3220

■ 242.3100, -0.1528,
2.3591

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.



163.6560, 18.9036, 50.2907



160.3050, -2.1224, 74.2775



158.5720, -23.9460, 74.0434

Triad

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



160.3050, -2.1224, 74.2775



148.9220, -35.4575, -13.9636



130.4270, 55.4985, -114.3845

Complementary

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



160.3050, -2.1224, 74.2775



202.6950, 2.1224, -74.2775

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.



130.6600, 38.6216, -114.5888



160.3050, -2.1224, 74.2775



137.9170, -11.2981, -63.0712

Square

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



160.3050, -2.1224, 74.2775



153.7050, -46.1966, 23.9377



126.0030, 18.2395, -110.5046



147.8450, 51.8414, -61.2541

Rectangle

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



160.3050, -2.1224, 74.2775



157.4060, -35.6962, 62.7879



126.0030, 18.2395, -110.5046



131.1620, 50.6991, -115.0291

Sweetspot

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



160.3050, -2.1224, 74.2775



227.6270, -0.8021, 24.0061



159.0890, 42.3541, 42.0179



111.3870, -0.1908, 14.5696



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.



160.3050, -2.1224, 74.2775



149.6000, -2.7608, 92.4358



170.6480, -25.9555, 65.2067



114.0440, -0.0217, 6.9774



61.9980, -2.9570, 108.7498



19.6930, -0.8346, 34.4722

Inverse Universe

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



160.3050, -2.1224, 74.2775



149.6000, -2.7608, 92.4358



192.3520, 25.9555, -65.2067



114.0440, -0.0217, 6.9774



61.9980, -2.9570, 108.7498



19.6930, -0.8346, 34.4722

Previews

White Background



This preview shows how the YUV color 160.3050, -2.1224, 74.2775 looks on a white background.

Color Contrast Check

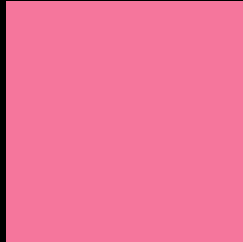
Large Text (above 18pt) WCAG AA × Fail

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 160.3050, -2.1224, 74.2775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

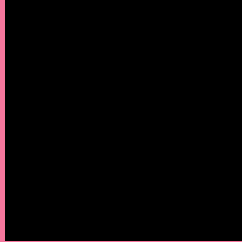
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.3050, -2.1224, 74.2775

Background



This preview shows how black text looks on a background with the YUV color 160.3050, -2.1224, 74.2775.



This preview shows how white text looks on a background with the YUV color 160.3050, -2.1224,

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

160.3050, -2.1224, 74.2775

Protanopia

159.9100, 9.9044, -3.4291

Deuteranopia

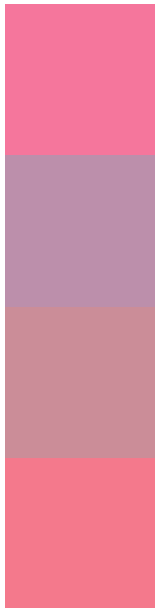
161.0190, -5.4324, 15.7693



Tritanopia

159.7920, -14.1945, 72.9734

Trichromacy



Original Color

160.3050, -2.1224, 74.2775

Protanomaly

159.6470, 5.5970, 24.8656

Deuteranomaly

160.7920, -4.3345, 37.0164

Tritanomaly

159.9430, -9.8319, 73.7180

Monochromacy



Original Color

160.3050, -2.1224, 74.2775

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.3500, -0.6655, 26.8801

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.3050, -2.1224, 74.2775 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, 118, 156)` looks like.

```
.text, #text, p{  
    color:rgb(245, 118, 156)  
}
```

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, 118, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 118, 156) }
```

Border

The CSS property to change the border of an element to YUV 160.3050, -2.1224, 74.2775 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, 118, 156) }
```


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

```
.border{ border-color:rgb(245, 118, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 118, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 118, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 118, 156);  
box-shadow:4px 4px 4px 4px rgb(245, 118,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 160.3050, -2.1224, 74.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 118, 156) }
```

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

```
.background{ background-color: rgb(245,  
118, 156) }
```

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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