

Converting Colors

YUV(159.9390, 23.2011,
71.9675)

Have a look what the booklet for
YUV(159.9390, 23.2011, 71.9675)
contains.

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Color

**YUV(159.9390, 23.2011,
71.9675)**

Conversions

Conversions Part 1

Format	Color
Hex	F26DCF
RGB	242, 109, 207
RGB Percent	95%, 43%, 81%
CMY	0.0510, 0.5725, 0.1882
CMYK	0.00, 0.55, 0.14, 0.05
HSL	316°, 84%, 69%
HSV	316°, 55%, 95%
XYZ	53.3491, 34.3195, 62.8440
YIQ	159.9390, 47.8100, 58.6740

Conversions

Conversions Part 2

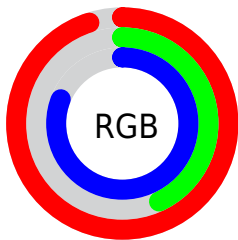
Format	Color
R_{YB}	242, 109, 207
Decimal	15887823
CIE _{Lab}	65.22, 62.38, -26.49
CIE _{LCh}	65, 67.771, 336.989
Yxy	34.3195, 0.3544, 0.2280
Android (android.graphics.Color)	4294077903 (0xFFFF26DCF)
YUV	159.9390, 23.2011, 71.9675
Hunter-Lab	58.5829, 60.0328, -22.5946

Details

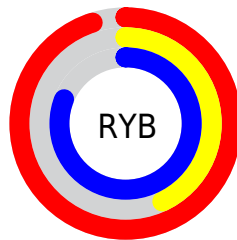
The YUV color **159.9390, 23.2011, 71.9675** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **191.0610, -23.2011, -71.9675**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1700, 26.0452, 46.3319**, and **101.9820, 24.6589, 71.0528** is the 20% darker color. If you saturate the color by 10%, you get **145.1670, 27.5257, 84.9225**, and if you desaturate by 10%, it is **174.7110, 18.8765, 59.0125**.

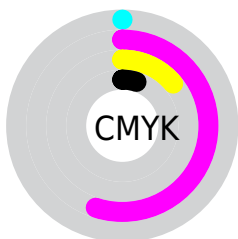
Distribution



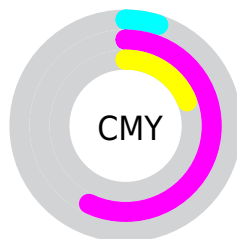
- Red (95%)
- Green (43%)
- Blue (81%)



- Red (95%)
- Yellow (43%)
- Blue (81%)



- Cyan (0%)
- Magenta (55%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (57%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.9390, 23.2011, 71.9675 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 159.9390, 23.2011, 71.9675 by changing the saturation by 10% instead.

159.9390, 23.2011,
71.9675

159.9390, 23.2011,
71.9675

255.0000, 0.0000,
0.0000

131.3410, 23.4959,
70.7379

202.1700, 26.0452,
46.3319

101.9820, 24.6589,
71.0528

219.1930, 17.6529,
31.4027

65.6930, 29.7314,
77.4452

236.2160, 9.2605,
16.4736

49.1880, 25.5433,
67.3641

253.8260, 0.5788,
1.0296

38.0800, 19.1876,
52.5498

27.3850, 13.1212,
38.2504

17.4020, 7.1968,

25.0804

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 159.9390, 23.2011,
71.9675

■ 159.9390, 23.2011,
71.9675

■ 145.1670, 27.5257,
84.9225

■ 174.7110, 18.8765,
59.0125

■ 130.2810, 31.4135,
97.9776

■ 189.5970, 14.9887,
45.9574

■ 114.9220, 36.0275,
111.4474

■ 204.9560, 10.3747,
32.4876

■ 100.1500, 40.3520,
124.4025

■ 219.7280, 6.0501,
19.5325

92.6500, 42.0775,
130.9800

234.6140, 2.1623,
6.4775

249.3860, -2.1623,
-6.4775

250.7710, 0.6059,
-7.6922

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



162.1240, 45.7879, 13.9233



159.9390, 23.2011, 71.9675



150.5290, -1.7398, 91.6211

Triad

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



159.9390, 23.2011, 71.9675



147.1570, -68.6044, 24.4183



134.8150, 46.9262, -118.2328

Complementary

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



159.9390, 23.2011, 71.9675



191.0610, -23.2011, -71.9675

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.



129.2630, 20.5763, -113.3637



159.9390, 23.2011, 71.9675



141.7280, -44.7289, -26.9485

Square

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



159.9390, 23.2011, 71.9675



152.7270, -56.0674, 63.3834



120.3200, -6.0738, -105.5206



132.9690, 60.1613, -116.6138

Rectangle

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



159.9390, 23.2011, 71.9675



150.0780, -21.2375, 92.0166



120.3200, -6.0738, -105.5206



133.3500, 38.7745, -116.9479

Sweetspot

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



159.9390, 23.2011, 71.9675



229.6790, 7.0603, 22.2065



134.0290, 53.2297, 6.9906



112.5270, 4.1772, 13.5698



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.



159.9390, 23.2011, 71.9675



151.3680, 29.3986, 90.8853



152.5290, -5.1908, 78.4661



112.6140, 2.1623, 6.4775



70.4060, 31.8448, 99.6219



21.4180, 9.6539, 30.3284

Inverse Universe

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



159.9390, 23.2011, 71.9675



151.3680, 29.3986, 90.8853



198.4710, 5.1908, -78.4661



112.6140, 2.1623, 6.4775



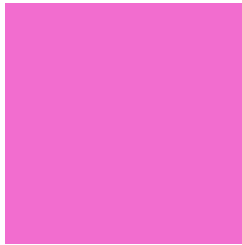
70.4060, 31.8448, 99.6219



21.4180, 9.6539, 30.3284

Previews

White Background



This preview shows how the YUV color 159.9390, 23.2011, 71.9675 looks on a white background.

Color Contrast Check

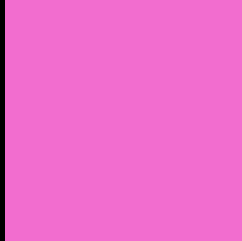
Large Text (above 18pt) WCAG AA × Fail

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 159.9390, 23.2011, 71.9675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

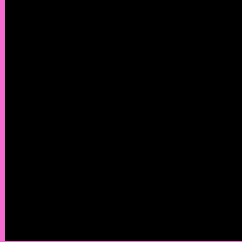
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.9390, 23.2011, 71.9675

Background



This preview shows how black text looks on a background with the YUV color 159.9390, 23.2011, 71.9675.



This preview shows how white text looks on a background with the YUV color 159.9390, 23.2011, 71.9675.

71.9675.

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

159.9390, 23.2011, 71.9675

Protanopia

157.2470, 42.2762, -26.5266

Deuteranopia

160.0050, 19.2245, -6.1434



Tritanopia

159.6170, -12.1362, 66.1109

Trichromacy



Original Color

159.9390, 23.2011, 71.9675



Protanomaly

158.3440, 35.3264, 9.3453



Deuteranomaly

159.9360, 20.7376, 21.9811



Tritanomaly

159.9560, 0.5147, 68.4446

Monochromacy



Original Color

159.9390, 23.2011, 71.9675



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

159.7550, 8.5018, 26.5249

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9390, 23.2011, 71.9675 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(242, 109, 207)` looks like.

```
.text, #text, p{  
    color:rgb(242, 109, 207)  
}
```

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(242, 109, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 109, 207) }
```

Border

The CSS property to change the border of an element to YUV 159.9390, 23.2011, 71.9675 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(242, 109, 207) }
```


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

```
.border{ border-color:rgb(242, 109, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 109, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 109, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 109, 207);  
box-shadow:4px 4px 4px 4px rgb(242, 109,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 159.9390, 23.2011, 71.9675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 109, 207) }
```

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

```
.background{ background-color: rgb(242,  
109, 207) }
```

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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