

Converting Colors

YUV(155.0380, 23.1523,
87.6667)

Have a look what the booklet for
YUV(155.0380, 23.1523, 87.6667)
contains.

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Color

**YUV(155.0380, 23.1523,
87.6667)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5FCA
RGB	255, 95, 202
RGB Percent	100%, 37%, 79%
CMY	0.0000, 0.6275, 0.2078
CMYK	0.00, 0.63, 0.21, 0.00
HSL	320°, 100%, 69%
HSV	320°, 63%, 100%
XYZ	55.9929, 33.7087, 59.4324
YIQ	155.0380, 61.0130, 67.1970

Conversions

Conversions Part 2

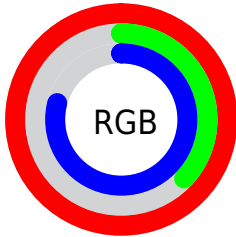
Format	Color
R _Y B	255, 95, 202
Decimal	16736202
CIE Lab	64.73, 71.17, -24.26
CIE LCh	65, 75.192, 341.178
Yxy	33.7087, 0.3755, 0.2260
Android (android.graphics.Color)	4294926282 (0xFFFF5FCA)
YUV	155.0380, 23.1523, 87.6667
Hunter-Lab	58.0592, 70.5437, -20.0509

Details

The YUV color **155.0380, 23.1523, 87.6667** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **194.9620, -23.1523, -87.6667**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7130, 29.2285, 51.9947**, and **89.2650, 28.9564, 92.7296** is the 20% darker color. If you saturate the color by 10%, you get **138.8640, 27.1820, 101.8513**, and if you desaturate by 10%, it is **171.2120, 19.1225, 73.4821**.

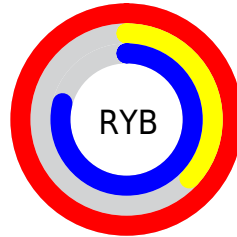
Distribution



Red (100%)

Green (37%)

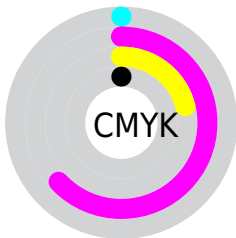
Blue (79%)



Red (100%)

Yellow (37%)

Blue (79%)

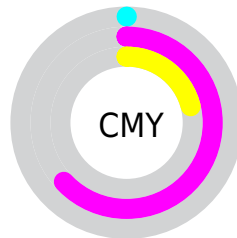


Cyan (0%)

Magenta (63%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.0380, 23.1523, 87.6667 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 155.0380, 23.1523, 87.6667 by changing the saturation by 10% instead.


 155.0380, 23.1523,
87.6667


 155.0380, 23.1523,
87.6667


255.0000, 0.0000,
0.0000


 124.6790, 24.3153,
87.9815


 195.7130, 29.2285,
51.9947

 89.2650, 28.9564,
92.7296


 212.7360, 20.8362,
37.0655


 63.2430, 28.9672,
89.2409

 229.7590, 12.4438,
22.1364

 51.7220, 22.3221,
73.9118

 247.3690, 3.7621,
6.6924

 40.3150, 16.1137,
58.4827

 29.6200, 10.0473,
44.1833

 18.7400, 4.5652,

29.1690

■ 4.1860, -2.0637,
8.6069

■ 0.0000, 0.0000,
0.0000

■ 155.0380, 23.1523,
87.6667

■ 155.0380, 23.1523,
87.6667

■ 138.8640, 27.1820,
101.8513

■ 171.2120, 19.1225,
73.4821

■ 123.1630, 30.4856,
115.6210

■ 186.9130, 15.8189,
59.7123

■ 106.9890, 34.5154,
129.8056

■ 203.0870, 11.7891,
45.5277

■ 95.7390, 37.1037,
139.6719

■ 218.7880, 8.4855,
31.7579

234.9620, 4.4557,
17.5733

250.6630, 1.1521,
3.8035

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



160.7280, 46.4761, 26.5485



155.0380, 23.1523, 87.6667



141.5300, -3.2193, 99.5132

Triad

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



155.0380, 23.1523, 87.6667



144.4290, -71.2035, 18.0408



136.4110, 53.0414, -119.6324

Complementary

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



155.0380, 23.1523, 87.6667



194.9620, -23.1523, -87.6667

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.



130.9900, 24.6549, -114.8782



155.0380, 23.1523, 87.6667



135.2980, -45.9959, -40.6033

Square

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



155.0380, 23.1523, 87.6667



147.3840, -72.6603, 65.4382



121.2490, -5.0528, -106.3354



132.3820, 60.4507, -116.0990

Rectangle

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



155.0380, 23.1523, 87.6667



144.2590, -25.7637, 97.1199



121.2490, -5.0528, -106.3354



135.4190, 44.1634, -118.7625

Sweetspot

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



155.0380, 23.1523, 87.6667



225.0000, 6.9020, 26.3100



128.4890, 62.3699, 15.3571



109.2500, 4.3137, 16.4438



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.



155.0380, 23.1523, 87.6667



135.7010, 27.7554, 104.6252



146.1460, -10.9180, 95.4650



119.7990, 1.5781, 7.1923



71.7010, 27.7554, 104.6252



24.0380, 9.3483, 35.0467

Inverse Universe

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



155.0380, 23.1523, 87.6667



135.7010, 27.7554, 104.6252



203.8540, 10.9180, -95.4650



119.7990, 1.5781, 7.1923



71.7010, 27.7554, 104.6252



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 155.0380, 23.1523, 87.6667 looks on a white background.

Color Contrast Check

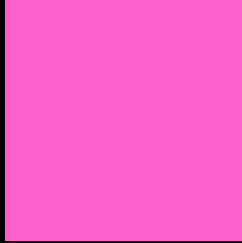
Large Text (above 18pt) WCAG AA × Fail

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 155.0380, 23.1523, 87.6667 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 155.0380, 23.1523, 87.6667

Background



This preview shows how black text looks on a background with the YUV color 155.0380, 23.1523, 87.6667.



This preview shows how white text looks on a background with the YUV color 155.0380, 23.1523,

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

155.0380, 23.1523, 87.6667

Protanopia

155.4470, 45.6286, -28.4560

Deuteranopia

158.7450, 16.8877, -3.2844



Tritanopia

155.6790, -16.1107, 80.9655

Trichromacy



Original Color

155.0380, 23.1523, 87.6667



Protanomaly

155.5340, 37.2047, 13.5637



Deuteranomaly

157.5240, 18.9687, 29.3585



Tritanomaly

155.7730, -1.8601, 83.5141

Monochromacy



Original Color

155.0380, 23.1523, 87.6667



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

154.7880, 8.4855, 31.7579

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.0380, 23.1523, 87.6667 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(255, 95, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 202)  
}
```

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(255, 95, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 202) }
```

Border

The CSS property to change the border of an element to YUV 155.0380, 23.1523, 87.6667 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(255, 95, 202) }
```


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

```
.border{ border-color:rgb(255, 95, 202) }
```

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

Here you see how a box with a 4 pixel rgb(255, 95, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 155.0380, 23.1523, 87.6667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 202) }
```

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

```
.background{ background-color: rgb(255, 95,  
202) }
```

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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