

Converting Colors

YUV(155.6080, 25.3363,
87.1668)

Have a look what the booklet for
YUV(155.6080, 25.3363, 87.1668)
contains.

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Color

**YUV(155.6080, 25.3363,
87.1668)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5FCF
RGB	255, 95, 207
RGB Percent	100%, 37%, 81%
CMY	0.0000, 0.6275, 0.1882
CMYK	0.00, 0.63, 0.19, 0.00
HSL	318°, 100%, 69%
HSV	318°, 63%, 100%
XYZ	56.5947, 33.9494, 62.6015
YIQ	155.6080, 59.4080, 68.7520

Conversions

Conversions Part 2

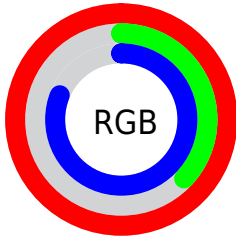
Format	Color
R _Y B	255, 95, 207
Decimal	16736207
CIE Lab	64.92, 71.84, -26.78
CIE LCh	65, 76.672, 339.554
Yxy	33.9494, 0.3695, 0.2217
Android (android.graphics.Color)	4294926287 (0xFFFF5FCF)
YUV	155.6080, 25.3363, 87.1668
Hunter-Lab	58.2661, 71.4138, -22.9153

Details

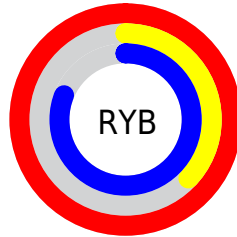
The YUV color **155.6080, 25.3363, 87.1668** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **194.3920, -25.3363, -87.1668**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7130, 29.2285, 51.9947**, and **89.7210, 30.7035, 92.3297** is the 20% darker color. If you saturate the color by 10%, you get **139.4340, 29.3660, 101.3514**, and if you desaturate by 10%, it is **171.7820, 21.3065, 72.9822**.

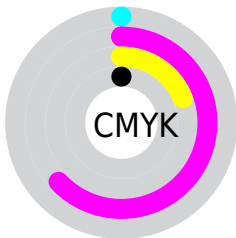
Distribution



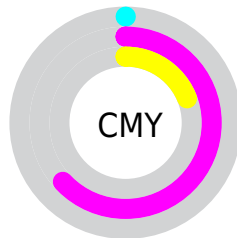
- Red (100%)
- Green (37%)
- Blue (81%)



- Red (100%)
- Yellow (37%)
- Blue (81%)



- Cyan (0%)
- Magenta (63%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 155.6080, 25.3363, 87.1668 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 155.6080, 25.3363, 87.1668 by changing the saturation by 10% instead.


 155.6080, 25.3363,
87.1668


 155.6080, 25.3363,
87.1668


255.0000, 0.0000,
0.0000


 125.2490, 26.4992,
87.4816


 195.7130, 29.2285,
51.9947

 89.7210, 30.7035,
92.3297


 212.7360, 20.8362,
37.0655


 63.6990, 30.7144,
88.8410

 229.7590, 12.4438,
22.1364

 52.1780, 24.0692,
73.5119

 247.3690, 3.7621,
6.6924

 41.0700, 17.7135,
58.6976

 30.0760, 11.7945,
43.7833

 19.4950, 6.1650,

29.3839

■ 5.0120, -1.4849,
9.6365

■ 0.0000, 0.0000,
0.0000

■ 155.6080, 25.3363,
87.1668

■ 155.6080, 25.3363,
87.1668

■ 139.4340, 29.3660,
101.3514

■ 171.7820, 21.3065,
72.9822

■ 123.9610, 33.5432,
114.9212

■ 187.2550, 17.1293,
59.4124


■ 107.7870, 37.5730,
129.1058

■ 203.4290, 13.0995,
45.2278

■ 96.6510, 40.5981,
138.8721

■ 219.0160, 9.3591,
31.5580

 235.0760, 4.8925,
17.4733

 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.



160.7060, 46.4869, 23.0598



155.6080, 25.3363, 87.1668



140.2250, -0.6039, 100.6577

Triad

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



155.6080, 25.3363, 87.1668



145.0380, -71.5037, 21.0147



137.5850, 52.4626, -120.6620

Complementary

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



155.6080, 25.3363, 87.1668



194.3920, -25.3363, -87.1668

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.



131.2350, 23.0551, -115.0931



155.6080, 25.3363, 87.1668



135.3970, -49.4957, -38.0592

Square

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



155.6080, 25.3363, 87.1668



147.9930, -72.9605, 68.4121



121.3800, -7.0893, -106.4503



133.5560, 59.8719, -117.1286

Rectangle

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



155.6080, 25.3363, 87.1668



142.7260, -24.0219, 98.4643



121.3800, -7.0893, -106.4503



135.8920, 43.4372, -119.1773

Sweetspot

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



155.6080, 25.3363, 87.1668



225.1140, 7.3388, 26.2100



127.5920, 62.8121, 13.5128



109.3640, 4.7505, 16.3438



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.



155.6080, 25.3363, 87.1668



136.3850, 30.3762, 104.0254



146.4880, -9.6076, 95.1650



119.9130, 2.0149, 7.0923



72.3850, 30.3762, 104.0254



24.2660, 10.2219, 34.8467

Inverse Universe

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



155.6080, 25.3363, 87.1668



136.3850, 30.3762, 104.0254



203.5120, 9.6076, -95.1650



119.9130, 2.0149, 7.0923



72.3850, 30.3762, 104.0254



24.2660, 10.2219, 34.8467

Previews

White Background



This preview shows how the YUV color 155.6080, 25.3363, 87.1668 looks on a white background.

Color Contrast Check

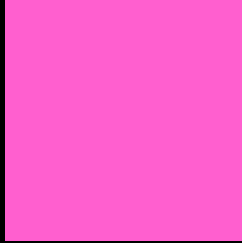
Large Text (above 18pt) WCAG AA × Fail

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 155.6080, 25.3363, 87.1668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

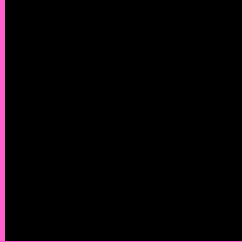
Any Text WCAG AA ✓ Pass

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 155.6080, 25.3363, 87.1668 Background



This preview shows how black text looks on a background with the YUV color 155.6080, 25.3363, 87.1668.



This preview shows how white text looks on a background with the YUV color 155.6080, 25.3363, 87.1668.

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

155.6080, 25.3363, 87.1668

Protanopia

155.8210, 48.4022, -31.4150

Deuteranopia

159.0050, 19.2245, -6.1434



Tritanopia

156.0810, -15.8159, 79.7360

Trichromacy



Original Color

155.6080, 25.3363, 87.1668



Protanomaly

155.6200, 40.1203, 11.7343



Deuteranomaly

157.4960, 21.4475, 27.6290



Tritanomaly

155.7020, -0.8391, 82.6993

Monochromacy



Original Color

155.6080, 25.3363, 87.1668



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

156.0160, 9.3591, 31.5580

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.6080, 25.3363, 87.1668 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 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(255, 95, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 207) }
```

Border

The CSS property to change the border of an element to YUV 155.6080, 25.3363, 87.1668 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, 207) }
```


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

```
.border{ border-color:rgb(255, 95, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 155.6080, 25.3363, 87.1668 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, 207) }
```

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

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