

Converting Colors

YUV(116.4420, -13.0359,
121.5154)

Have a look what the booklet for
YUV(116.4420, -13.0359, 121.5154)
contains.

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Color

**YUV(116.4420, -13.0359,
121.5154)**

Conversions

Conversions Part 1

Format	Color
Hex	FF335A
RGB	255, 51, 90
RGB Percent	100%, 20%, 35%
CMY	0.0000, 0.8000, 0.6471
CMYK	0.00, 0.80, 0.65, 0.00
HSL	349°, 100%, 60%
HSV	349°, 80%, 100%
XYZ	44.2693, 24.3658, 12.0427
YIQ	116.4420, 109.0650, 55.3770

Conversions

Conversions Part 2

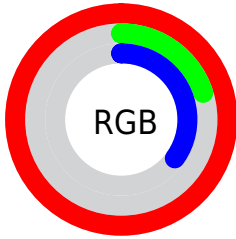
Format	Color
R_{YB}	255, 51, 90
Decimal	16724826
CIE _{Lab}	56.45, 75.28, 28.91
CIE _{LCh}	56, 80.645, 21.011
Yxy	24.3658, 0.5487, 0.3020
Android (android.graphics.Color)	4294914906 (0xFFFF335A)
YUV	116.4420, -13.0359, 121.5154
Hunter-Lab	49.3618, 73.7017, 20.0884

Details

The YUV color **116.4420, -13.0359, 121.5154** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **189.5580, 13.0359, -121.5154**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8840, -10.2958, 82.5397**, and **61.9400, -8.3514, 112.3086** is the 20% darker color. If you saturate the color by 10%, you get **98.7860, -14.6845, 136.9997**, and if you desaturate by 10%, it is **134.0980, -11.3873, 106.0311**.

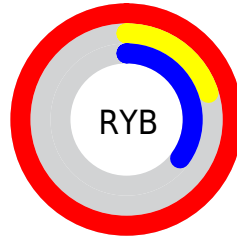
Distribution



Red (100%)

Green (20%)

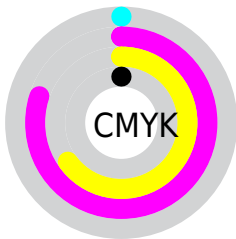
Blue (35%)



Red (100%)

Yellow (20%)

Blue (35%)

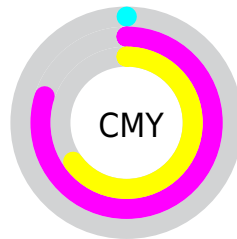


Cyan (0%)

Magenta (80%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (80%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.4420, -13.0359, 121.5154 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 116.4420, -13.0359, 121.5154 by changing the saturation by 10% instead.


 116.4420,
-13.0359, 121.5154

 116.4420,
-13.0359, 121.5154


255.0000, 0.0000,
0.0000


 74.0160, -3.4589,
129.7820


 160.8840,
-10.2958, 82.5397

 61.9400, -8.3514,
112.3086


 181.4580, -7.6208,
64.4963

 50.0920, -12.3704,
94.6353


 202.1460, -4.5090,
46.3530

 37.9730, -18.7207,
78.0767

 222.9480, -0.9604,
28.1096

 28.6330, -13.1301,
58.2039

 243.8640, 3.0250,
9.7663

 19.7770, -8.2711,
39.6606

 9.3830, -4.1328,

18.9581

■ 0.0000, 0.0000,
0.0000

■ 116.4420,
-13.0359, 121.5154

■ 116.4420,
-13.0359, 121.5154

■ 98.7860, -14.6845,
136.9997

■ 134.0980,
-11.3873, 106.0311

■ 81.8310, -16.1857,
151.8692

■ 151.0530, -9.8861,
91.1615

■ 168.7090, -8.2375,
75.6772

■ 185.7780, -6.2996,
60.7077

■ 203.3200, -5.0878,
45.3234

220.3890, -3.1498,
30.3538

237.9310, -1.9380,
14.9695

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.



119.6820, 19.8768, 111.6579



116.4420, -13.0359, 121.5154



124.5980, -53.5388, 92.4376

Triad

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



116.4420, -13.0359, 121.5154



97.0950, -31.5988, -85.1523



117.1200, 67.9748, -102.7142

Complementary

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



116.4420, -13.0359, 121.5154



189.5580, 13.0359, -121.5154

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.



122.9100, 59.6974, -107.7921



116.4420, -13.0359, 121.5154



108.9220, 1.0245, -95.5246

Square

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



116.4420, -13.0359, 121.5154



121.2720, -59.7871, -3.7465



118.4180, 32.3319, -103.8526



123.6630, 64.7491, -47.9395

Rectangle

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



116.4420, -13.0359, 121.5154



127.0060, -62.6140, 63.1387



118.4180, 32.3319, -103.8526



120.6420, 66.2385, -105.8030

Sweetspot

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



116.4420, -13.0359, 121.5154



213.6070, -3.7503, 36.3017



122.9930, 65.0795, 79.8131



102.8610, -2.3965, 22.0469



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.



116.4420, -13.0359, 121.5154



88.6130, -15.5852, 145.9214



147.8030, -47.7239, 94.0118



119.1150, -1.0427, 7.7921



61.3270, -11.9932, 113.7232



20.5040, -4.1925, 38.1460

Inverse Universe

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



116.4420, -13.0359, 121.5154



88.6130, -15.5852, 145.9214



158.1970, 47.7239, -94.0118



119.1150, -1.0427, 7.7921



61.3270, -11.9932, 113.7232



20.5040, -4.1925, 38.1460

Previews

White Background



This preview shows how the YUV color 116.4420, -13.0359, 121.5154 looks on a white background.

Color Contrast Check

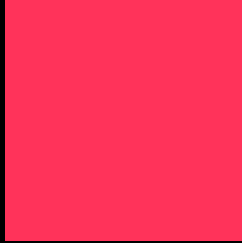
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.4420, -13.0359, 121.5154 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 × Fail

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

YUV 116.4420, -13.0359, 121.5154 Background



This preview shows how black text looks on a background with the YUV color 116.4420, -13.0359, 121.5154.

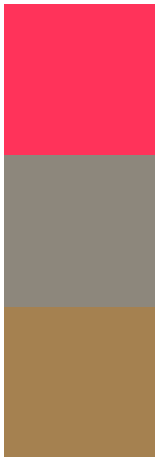


This preview shows how white text looks on a background with the YUV color 116.4420, -13.0359, 121.5154.

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

116.4420, -13.0359, 121.5154

Protanopia

135.5400, -5.6892, 4.7884

Deuteranopia

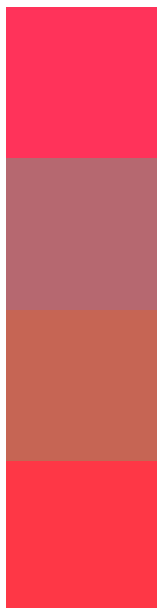
134.1780, -26.7098, 27.0309



Tritanopia

116.7180, -28.4550, 120.3963

Trichromacy



Original Color

116.4420, -13.0359, 121.5154

Protanomaly

128.2340, -8.0034, 47.1528

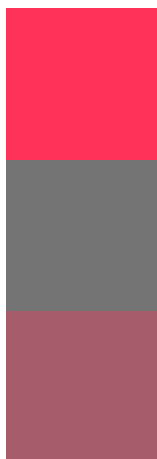
Deuteranomaly

128.0650, -21.7240, 61.3330

Tritanomaly

116.2110, -22.7820, 120.8410

Monochromacy



Original Color

116.4420, -13.0359, 121.5154

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1350, -4.5036, 44.6086

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.4420, -13.0359, 121.5154 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, 51, 90)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 90)  
}
```

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, 51, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 90) }
```

Border

The CSS property to change the border of an element to YUV 116.4420, -13.0359, 121.5154 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, 51, 90) }
```


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

```
.border{ border-color:rgb(255, 51, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 116.4420, -13.0359, 121.5154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 90) }
```

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

```
.background{ background-color: rgb(255, 51,  
90) }
```

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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