

Converting Colors

YUV(120.5680, -17.5350,
117.8969)

Have a look what the booklet for
YUV(120.5680, -17.5350, 117.8969)
contains.

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Color

**YUV(120.5680, -17.5350,
117.8969)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3B55
RGB	255, 59, 85
RGB Percent	100%, 23%, 33%
CMY	0.0000, 0.7686, 0.6667
CMYK	0.00, 0.77, 0.67, 0.00
HSL	352°, 100%, 62%
HSV	352°, 77%, 100%
XYZ	44.4437, 25.0438, 11.0858
YIQ	120.5680, 108.4700, 49.6380

Conversions

Conversions Part 2

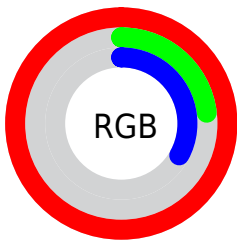
Format	Color
R_{YB}	255, 59, 85
Decimal	16726869
CIE _{Lab}	57.12, 72.92, 32.68
CIE _{LCh}	57, 79.907, 24.137
Yxy	25.0438, 0.5516, 0.3108
Android (android.graphics.Color)	4294916949 (0xFFFF3B55)
YUV	120.5680, -17.5350, 117.8969
Hunter-Lab	50.0438, 70.9484, 21.8966

Details

The YUV color **120.5680, -17.5350, 117.8969** 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 **193.4320, 17.5350, -117.8969**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2490, -13.9268, 80.4656**, and **61.3700, -10.5354, 112.8085** is the 20% darker color. If you saturate the color by 10%, you get **102.7980, -19.6204, 133.4812**, and if you desaturate by 10%, it is **138.3380, -15.4496, 102.3126**.

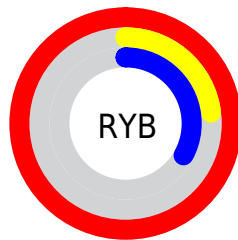
Distribution



Red (100%)

Green (23%)

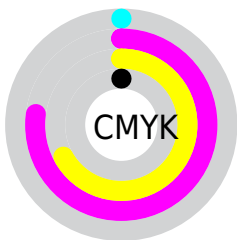
Blue (33%)



Red (100%)

Yellow (23%)

Blue (33%)

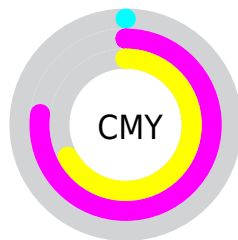


Cyan (0%)

Magenta (77%)

Yellow (67%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.5680, -17.5350, 117.8969 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 120.5680, -17.5350, 117.8969 by changing the saturation by 10% instead.


 120.5680,
-17.5350, 117.8969


 120.5680,
-17.5350, 117.8969


255.0000, 0.0000,
0.0000


 77.5550, -7.6686,
126.6783


 163.2490,
-13.9268, 80.4656


 61.3700, -10.5354,
112.8085


 183.8230,
-11.2517, 62.4222


 49.6360, -14.1175,
95.0352


 204.5110, -8.1399,
44.2789

 37.9730, -18.7207,
78.0767

 225.1990, -5.0281,
26.1355

 28.6330, -13.1301,
58.2039

 246.1150, -1.0427,
7.7921

 19.7770, -8.2711,
39.6606

 9.3830, -4.1328,

18.9581

■ 0.0000, 0.0000,
0.0000

■ 120.5680,
-17.5350, 117.8969

■ 120.5680,
-17.5350, 117.8969

■ 102.7980,
-19.6204, 133.4812

■ 138.3380,
-15.4496, 102.3126

■ 85.6150, -21.9952,
148.5506

■ 155.5210,
-13.0749, 87.2431

■ 80.1210, -22.7377,
153.3689

■ 173.2910,
-10.9895, 71.6588

■ 190.4740, -8.6147,
56.5893

■ 208.3580, -6.0925,
40.9050

■ 225.5410, -3.7177,
25.8355

■ 243.3110, -1.6323,
10.2513

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.



121.3680, 16.0876, 113.6873



120.5680, -17.5350, 117.8969



126.1970, -58.7641, 88.4042

Triad

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



120.5680, -17.5350, 117.8969



99.7510, -26.4992, -87.4816



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.



120.5680, -17.5350, 117.8969



193.4320, 17.5350, -117.8969

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.



124.1810, 62.0288, -108.9067



120.5680, -17.5350, 117.8969



111.2360, 4.8137, -97.5540

Square

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



120.5680, -17.5350, 117.8969



121.2390, -59.7708, -8.9796



120.0310, 35.9737, -105.2672



131.1490, 61.0585, -30.8257

Rectangle

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



120.5680, -17.5350, 117.8969



129.0440, -63.6187, 58.7204



120.0310, 35.9737, -105.2672



120.6420, 66.2385, -105.8030

Sweetspot

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



120.5680, -17.5350, 117.8969



214.5530, -5.2026, 35.4720



132.1740, 60.5532, 84.9164



103.3340, -3.1227, 21.6321



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.



120.5680, -17.5350, 117.8969



93.9130, -20.6631, 141.2733



159.8680, -49.7279, 83.4308



119.0010, -1.4795, 7.8921



59.9590, -17.2348, 114.9230



20.0480, -5.9397, 38.5459

Inverse Universe

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



120.5680, -17.5350, 117.8969



93.9130, -20.6631, 141.2733



154.1320, 49.7279, -83.4308



119.0010, -1.4795, 7.8921



59.9590, -17.2348, 114.9230



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 120.5680, -17.5350, 117.8969 looks on a white background.

Color Contrast Check

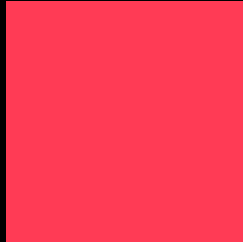
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.5680, -17.5350, 117.8969 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 120.5680, -17.5350, 117.8969 Background



This preview shows how black text looks on a background with the YUV color 120.5680, -17.5350, 117.8969.



This preview shows how white text looks on a background with the YUV color 120.5680, -17.5350, 117.8969.

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

120.5680, -17.5350, 117.8969

Protanopia

136.9980, -10.3520, 7.0178

Deuteranopia

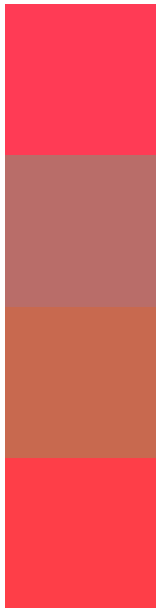
135.6790, -29.9147, 28.3455



Tritanopia

120.3370, -27.2811, 117.2225

Trichromacy



Original Color

120.5680, -17.5350, 117.8969

Protanomaly

131.2680, -12.9501, 47.1230

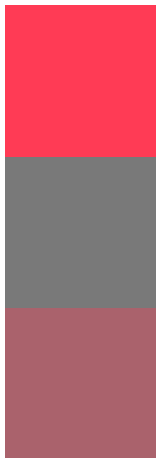
Deuteranomaly

130.4410, -25.3604, 61.0032

Tritanomaly

120.5480, -23.9342, 117.0374

Monochromacy



Original Color

120.5680, -17.5350, 117.8969

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.6680, -6.2453, 43.2642

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5680, -17.5350, 117.8969 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, 59, 85)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 85)  
}
```

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, 59, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 85) }
```

Border

The CSS property to change the border of an element to YUV 120.5680, -17.5350, 117.8969 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, 59, 85) }
```


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

```
.border{ border-color:rgb(255, 59, 85) }
```

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

Here you see how a box with a 4 pixel rgb(255, 59, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 85);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 120.5680, -17.5350, 117.8969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 85) }
```

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

```
.background{ background-color: rgb(255, 59,  
85) }
```

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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