

Converting Colors

YUV(135.8390, 58.7464,
104.5042)

Have a look what the booklet for
YUV(135.8390, 58.7464, 104.5042)
contains.

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Color

**YUV(135.8390, 58.7464,
104.5042)**

Conversions

Conversions Part 1

Format	Color
Hex	FF34FF
RGB	255, 52, 255
RGB Percent	100%, 20%, 100%
CMY	0.0000, 0.7961, 0.0000
CMYK	0.00, 0.80, 0.00, 0.00
HSL	300°, 100%, 60%
HSV	300°, 80%, 100%
XYZ	60.5180, 30.9360, 97.3893
YIQ	135.8390, 55.8250, 106.1690

Conversions

Conversions Part 2

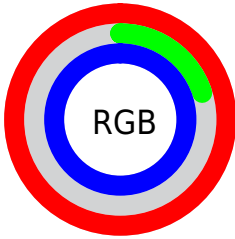
Format	Color
R _{YB}	255, 52, 255
Decimal	16725247
CIE _{Lab}	62.45, 91.99, -57.43
CIE _{LCh}	62, 108.445, 328.020
Yxy	30.9360, 0.3205, 0.1638
Android (android.graphics.Color)	4294915327 (0xFFFF34FF)
YUV	135.8390, 58.7464, 104.5042
Hunter-Lab	55.6201, 96.8834, -64.8811

Details

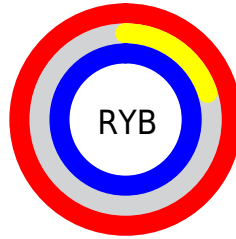
The YUV color **135.8390, 58.7464, 104.5042** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **171.1610, -58.7464, -104.5042**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5160, 38.1996, 67.9535**, and **80.4640, 57.4522, 99.5711** is the 20% darker color. If you saturate the color by 10%, you get **120.5770, 66.2705, 117.8890**, and if you desaturate by 10%, it is **151.1010, 51.2222, 91.1194**.

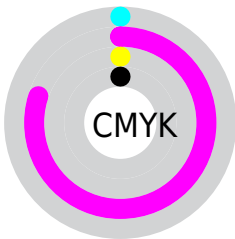
Distribution



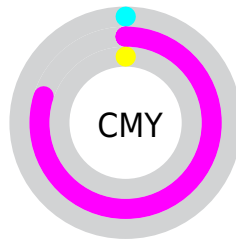
- Red (100%)
- Green (20%)
- Blue (100%)



- Red (100%)
- Yellow (20%)
- Blue (100%)



- Cyan (0%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.8390, 58.7464, 104.5042 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 135.8390, 58.7464, 104.5042 by changing the saturation by 10% instead.


 135.8390, 58.7464,
104.5042


 135.8390, 58.7464,
104.5042


255.0000, 0.0000,
0.0000


 92.7400, 65.6972,
115.1150


 177.5160, 38.1996,
67.9535


 80.4640, 57.4522,
99.5711


 195.7130, 29.2285,
51.9947


 68.1170, 50.2283,
83.2124


 213.9100, 20.2574,
36.0359

 56.2540, 42.2728,
68.1832

 232.1070, 11.2862,
20.0772

 44.3200, 35.3382,
52.3394

 250.3040, 2.3151,
4.1184

 33.0980, 28.5457,
37.6251

 21.2780, 22.0479,

21.6812

■ 6.6960, 17.8979,
-0.6104

■ 2.9810, 8.8834,
-2.6143

■ 135.8390, 58.7464,
104.5042

■ 135.8390, 58.7464,
104.5042

■ 120.5770, 66.2705,
117.8890

■ 151.1010, 51.2222,
91.1194

■ 105.9020, 73.5053,
130.7589

■ 165.7760, 43.9874,
78.2494

■ 105.3150, 73.7947,
131.2737

■ 181.0380, 36.4633,
64.8647

■ 195.7130, 29.2285,
51.9947

■ 210.3880, 21.9937,
39.1247

■ 225.6500, 14.4696,
25.7400

■ 240.9120, 6.9454,
12.3552

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.



135.3020, 59.0111, -27.4519



135.8390, 58.7464, 104.5042



94.7130, 33.1725, 140.5717

Triad

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



135.8390, 58.7464, 104.5042



142.2130, -70.1110, 41.0322



138.3030, 50.1366, -121.2917

Complementary

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



135.8390, 58.7464, 104.5042



171.1610, -58.7464, -104.5042

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.



126.5440, 7.6198, -110.9791



135.8390, 58.7464, 104.5042



127.5860, -62.8999, -32.0859

Square

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



135.8390, 58.7464, 104.5042



134.3580, -66.2385, 105.8030



110.4990, -41.1650, -96.9076



137.6650, 57.8462, -120.7322

Rectangle

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



135.8390, 58.7464, 104.5042



87.5310, 5.6542, 146.8703



110.4990, -41.1650, -96.9076



134.7690, 36.5959, -118.1924

Sweetspot

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



135.8390, 58.7464, 104.5042



219.1930, 17.6529, 31.4027



75.1420, 88.6700, -20.2955



106.2810, 10.7075, 19.0476



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.



135.8390, 58.7464, 104.5042



111.1850, 70.9008, 126.1258



124.3250, 14.6298, 114.6020



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

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



135.8390, 58.7464, 104.5042



111.1850, 70.9008, 126.1258



182.7890, -14.1930, -114.7020



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 135.8390, 58.7464, 104.5042 looks on a white background.

Color Contrast Check

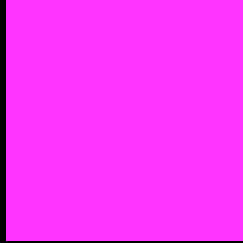
Large Text (above 18pt) WCAG AA × Fail

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 135.8390, 58.7464, 104.5042 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 135.8390, 58.7464, 104.5042 Background



This preview shows how black text looks on a background with the YUV color 135.8390, 58.7464, 104.5042.



This preview shows how white text looks on a background with the YUV color 135.8390, 58.7464, 104.5042.

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

135.8390, 58.7464, 104.5042

Protanopia

146.7430, 53.3707, -38.3626

Deuteranopia

145.7120, 46.9770, -40.9664



Tritanopia

148.9670, -16.2527, 79.8359

Trichromacy



Original Color

135.8390, 58.7464, 104.5042



Protanomaly

142.6430, 55.3920, 13.4681



Deuteranomaly

142.1930, 51.1769, 12.1087

Tritanomaly

143.9490, 11.3641, 88.6217

Monochromacy



Original Color

135.8390, 58.7464, 104.5042



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

135.5620, 21.4149, 38.0951

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.8390, 58.7464, 104.5042 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, 52, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 52, 255)  
}
```

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, 52, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 52, 255) }
```

Border

The CSS property to change the border of an element to YUV 135.8390, 58.7464, 104.5042 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, 52, 255) }
```


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

```
.border{ border-color:rgb(255, 52, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 52, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 52, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 52, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 52,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 135.8390, 58.7464, 104.5042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 52, 255) }
```

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

```
.background{ background-color: rgb(255, 52,  
255) }
```

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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