

Converting Colors

YUV(135.0240, 58.1622,
105.2190)

Have a look what the booklet for
YUV(135.0240, 58.1622, 105.2190)
contains.

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Color

**YUV(135.0240, 58.1622,
105.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	FF33FD
RGB	255, 51, 253
RGB Percent	100%, 20%, 99%
CMY	0.0000, 0.8000, 0.0078
CMYK	0.00, 0.80, 0.01, 0.00
HSL	301°, 100%, 60%
HSV	301°, 80%, 100%
XYZ	60.1534, 30.7195, 95.6875
YIQ	135.0240, 56.7420, 106.0700

Conversions

Conversions Part 2

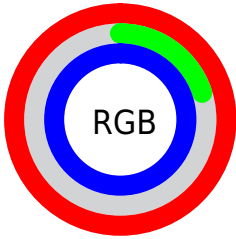
Format	Color
R _Y B	255, 51, 253
Decimal	16724989
CIE _{Lab}	62.27, 91.91, -56.62
CIE _{LCh}	62, 107.953, 328.365
Y _{xy}	30.7195, 0.3224, 0.1647
Android (android.graphics.Color)	4294915069 (0xFFFF33FD)
Y _{UV}	135.0240, 58.1622, 105.2190
Hunter-Lab	55.4252, 96.7336, -63.5622

Details

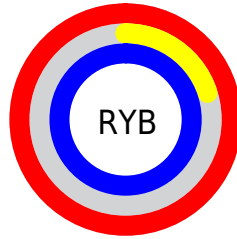
The YUV color **135.0240, 58.1622, 105.2190** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **170.9760, -58.1622, -105.2190**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5160, 38.1996, 67.9535**, and **80.3500, 57.0155, 99.6711** is the 20% darker color. If you saturate the color by 10%, you get **119.7620, 65.6863, 118.6037**, and if you desaturate by 10%, it is **150.2860, 50.6380, 91.8342**.

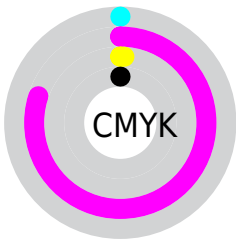
Distribution



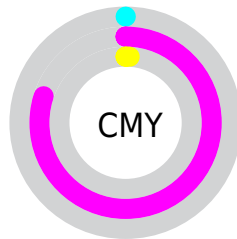
- Red (100%)
- Green (20%)
- Blue (99%)



- Red (100%)
- Yellow (20%)
- Blue (99%)



- Cyan (0%)
- Magenta (80%)
- Yellow (1%)
- Black (0%)





- Cyan (0%)
- Magenta (80%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.0240, 58.1622, 105.2190 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 135.0240, 58.1622, 105.2190 by changing the saturation by 10% instead.


 135.0240, 58.1622,
105.2190


 135.0240, 58.1622,
105.2190


255.0000, 0.0000,
0.0000


 92.5120, 64.8236,
115.3150


 177.5160, 38.1996,
67.9535


 80.3500, 57.0155,
99.6711


 195.7130, 29.2285,
51.9947


 68.1880, 49.2073,
84.0271


 213.9100, 20.2574,
36.0359

 56.1400, 41.8360,
68.2832

 231.5200, 11.5756,
20.5920

 44.0920, 34.4646,
52.5393

 249.7170, 2.6045,
4.6332

 32.8700, 27.6721,
37.8250

 21.1640, 21.6111,

21.7812

■ 6.4680, 17.0243,
-0.4104

■ 2.7530, 8.0098,
-2.4144

■ 135.0240, 58.1622,
105.2190

■ 135.0240, 58.1622,
105.2190

■ 119.7620, 65.6863,
118.6037

■ 150.2860, 50.6380,
91.8342

■ 105.0870, 72.9211,
131.4737

■ 165.0750, 43.8400,
78.8642

■ 180.3370, 36.3159,
65.4795

■ 195.0120, 29.0811,
52.6095

210.2740, 21.5569,
39.2247

225.0630, 14.7589,
26.2547

240.3250, 7.2348,
12.8700

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.



135.9110, 58.7109, -24.4779



135.0240, 58.1622, 105.2190



94.4850, 32.2989, 140.7717

Triad

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



135.0240, 58.1622, 105.2190



141.9140, -69.9636, 40.4174



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.



135.0240, 58.1622, 105.2190



170.9760, -58.1622, -105.2190

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



135.0240, 58.1622, 105.2190



126.4010, -62.3157, -32.8007

Square

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



135.0240, 58.1622, 105.2190



134.9450, -66.5279, 105.2882



110.2540, -39.5652, -96.6928



137.0780, 58.1355, -120.2174

Rectangle

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



135.0240, 58.1622, 105.2190



87.4170, 5.2174, 146.9703



110.2540, -39.5652, -96.6928



134.7690, 36.5959, -118.1924

Sweetspot

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



135.0240, 58.1622, 105.2190



219.0790, 17.2161, 31.5027



74.2560, 89.1068, -20.3955



106.1670, 10.2707, 19.1475



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.



135.0240, 58.1622, 105.2190



110.9570, 70.0272, 126.3257



123.6240, 14.4824, 115.2168



120.2550, 3.3253, 6.7924



78.6550, 54.4001, 98.5266



26.3180, 18.0842, 33.0471

Inverse Universe

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



135.0240, 58.1622, 105.2190



110.9570, 70.0272, 126.3257



182.3760, -14.4824, -115.2168



120.2550, 3.3253, 6.7924



78.6550, 54.4001, 98.5266



26.3180, 18.0842, 33.0471

Previews

White Background



This preview shows how the YUV color 135.0240, 58.1622, 105.2190 looks on a white background.

Color Contrast Check

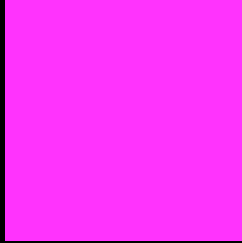
Large Text (above 18pt) WCAG AA × Fail

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 135.0240, 58.1622, 105.2190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

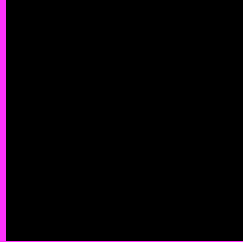
Any Text WCAG AA ✓ Pass

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 135.0240, 58.1622, 105.2190 Background



This preview shows how black text looks on a background with the YUV color 135.0240, 58.1622, 105.2190.



This preview shows how white text looks on a background with the YUV color 135.0240, 58.1622, 105.2190.

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

135.0240, 58.1622, 105.2190

Protanopia

145.8570, 53.8075, -38.4626

Deuteranopia

146.0820, 45.8086, -39.5369



Tritanopia

148.2660, -16.4001, 80.4507

Trichromacy



Original Color

135.0240, 58.1622, 105.2190



Protanomaly

141.9420, 55.2446, 14.0829



Deuteranomaly

142.2640, 50.1558, 12.9235

Tritanomaly

143.1340, 10.7799, 89.3365

Monochromacy



Original Color

135.0240, 58.1622, 105.2190



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

134.8610, 21.2675, 38.7099

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.0240, 58.1622, 105.2190 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 253) }
```

Border

The CSS property to change the border of an element to YUV 135.0240, 58.1622, 105.2190 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, 253) }
```


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

```
.border{ border-color:rgb(255, 51, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 135.0240, 58.1622, 105.2190 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, 253) }
```

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

```
.background{ background-color: rgb(255, 51,  
253) }
```

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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