

Converting Colors

YUV(135.0510, 20.1879,
105.1953)

Have a look what the booklet for
YUV(135.0510, 20.1879, 105.1953)
contains.

YUV(135.0510, 20.1879, 105.1953)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(135.0510, 20.1879,
105.1953)**

Conversions

Conversions Part 1

Format	Color
Hex	FF42B0
RGB	255, 66, 176
RGB Percent	100%, 26%, 69%
CMY	0.0000, 0.7412, 0.3098
CMYK	0.00, 0.74, 0.31, 0.00
HSL	325°, 100%, 63%
HSV	325°, 74%, 100%
XYZ	51.0247, 28.2910, 43.8457
YIQ	135.0510, 77.3340, 74.2780

Conversions

Conversions Part 2

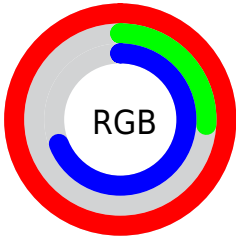
Format	Color
R_{YB}	255, 66, 176
Decimal	16728752
CIE _{Lab}	60.15, 78.13, -16.40
CIE _{LCh}	60, 79.832, 348.148
Yxy	28.2910, 0.4143, 0.2297
Android (android.graphics.Color)	4294918832 (0xFFFF42B0)
YUV	135.0510, 20.1879, 105.1953
Hunter-Lab	53.1893, 78.1544, -11.6422

Details

The YUV color **135.0510, 20.1879, 105.1953** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **185.9490, -20.1879, -105.1953**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0030, 26.1275, 66.6494**, and **71.7290, 25.2766, 106.3547** is the 20% darker color. If you saturate the color by 10%, you get **118.5350, 22.9072, 119.6798**, and if you desaturate by 10%, it is **150.9800, 17.7579, 91.2255**.

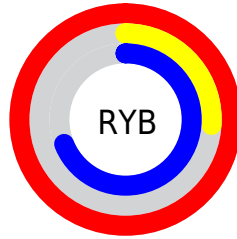
Distribution



Red (100%)

Green (26%)

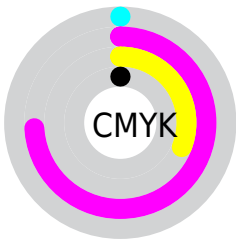
Blue (69%)



Red (100%)

Yellow (26%)

Blue (69%)

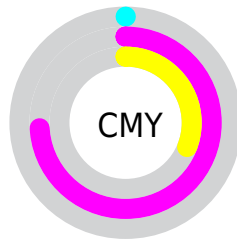


Cyan (0%)

Magenta (74%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.0510, 20.1879, 105.1953 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 135.0510, 20.1879, 105.1953 by changing the saturation by 10% instead.


 135.0510, 20.1879,
105.1953


 135.0510, 20.1879,
105.1953


255.0000, 0.0000,
0.0000


 96.2890, 25.9865,
112.0025


 179.0030, 26.1275,
66.6494


 71.7290, 25.2766,
106.3547


 199.2350, 27.4921,
48.9059


 59.9090, 18.7789,
90.4108


 216.8450, 18.8104,
33.4619

 48.3170, 13.1547,
74.2670

 234.4550, 10.1287,
18.0180

 37.0240, 7.3832,
58.7380

 252.0650, 1.4470,
2.5740

 26.5570, 2.1904,
44.2385

 14.2810, -6.0545,

28.6946

■ 0.0000, 0.0000,
0.0000

■ 135.0510, 20.1879,
105.1953

■ 135.0510, 20.1879,
105.1953

■ 118.5350, 22.9072,
119.6798

■ 150.9800, 17.7579,
91.2255

■ 102.7200, 25.7740,
133.5496

■ 167.3820, 14.6017,
76.8410

■ 93.1170, 27.0573,
141.9714

■ 183.8980, 11.8823,
62.3565

■ 199.8270, 9.4523,
48.3867

■ 216.2290, 6.2961,
34.0022

232.1580, 3.8661,
20.0324

248.0870, 1.4361,
6.0627

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.



147.6210, 45.5428, 45.9364



135.0510, 20.1879, 105.1953



125.8970, -9.8092, 113.2233

Triad

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



135.0510, 20.1879, 105.1953



131.3500, -64.7555, 3.2011



129.9370, 58.6981, -113.9547

Complementary

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



135.0510, 20.1879, 105.1953



185.9490, -20.1879, -105.1953

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.



124.6300, 30.7484, -109.3005



135.0510, 20.1879, 105.1953



110.9070, -36.4362, -73.5864

Square

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



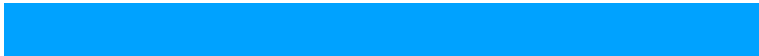
135.0510, 20.1879, 105.1953



136.6860, -67.3862, 53.7724



115.1340, -0.5591, -100.9725



124.1640, 64.5021, -108.8918

Rectangle

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



135.0510, 20.1879, 105.1953



133.6810, -35.8317, 106.3968



115.1340, -0.5591, -100.9725



129.0590, 50.2569, -113.1847

Sweetspot

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



135.0510, 20.1879, 105.1953



219.5060, 6.1595, 31.1282



111.1670, 70.9097, 29.6715



106.4460, 3.7241, 18.9029



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.



135.0510, 20.1879, 105.1953



110.9210, 24.1959, 126.3573



124.3350, -20.8712, 114.5932



119.6850, 1.1413, 7.2923



69.7630, 20.3298, 106.3248



23.3540, 6.7275, 35.6465

Inverse Universe

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



135.0510, 20.1879, 105.1953



110.9210, 24.1959, 126.3573



196.6650, 20.8712, -114.5932



119.6850, 1.1413, 7.2923



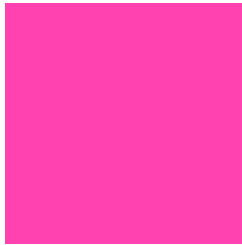
69.7630, 20.3298, 106.3248



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 135.0510, 20.1879, 105.1953 looks on a white background.

Color Contrast Check

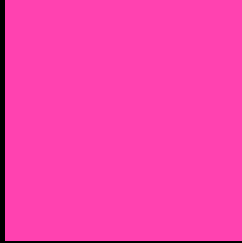
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.0510, 20.1879, 105.1953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

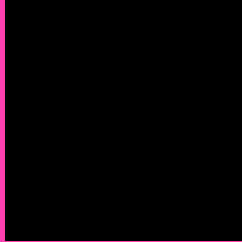
Any Text WCAG AA ✓ Pass

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 135.0510, 20.1879, 105.1953 Background



This preview shows how black text looks on a background with the YUV color 135.0510, 20.1879, 105.1953.



This preview shows how white text looks on a background with the YUV color 135.0510, 20.1879, 105.1953.

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

135.0510, 20.1879, 105.1953

Protanopia

143.1760, 43.2972, -27.3414

Deuteranopia

146.8290, 9.4513, 1.9040



Tritanopia

138.1110, -21.2537, 97.2497

Trichromacy



Original Color

135.0510, 20.1879, 105.1953



Protanomaly

140.0080, 34.9991, 21.0410



Deuteranomaly

142.5100, 13.5526, 39.8947



Tritanomaly

136.7320, -6.2769, 100.2130

Monochromacy



Original Color

135.0510, 20.1879, 105.1953



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.1910, 7.3008, 38.4205

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.0510, 20.1879, 105.1953 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, 66, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 176)  
}
```

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, 66, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 176) }
```

Border

The CSS property to change the border of an element to YUV 135.0510, 20.1879, 105.1953 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, 66, 176) }
```


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

```
.border{ border-color:rgb(255, 66, 176) }
```

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

Here you see how a box with a 4 pixel rgb(255, 66, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 135.0510, 20.1879, 105.1953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 176) }
```

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

```
.background{ background-color: rgb(255, 66,  
176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor