

Converting Colors

YUV(121.5470, 34.7333,
106.5143)

Have a look what the booklet for
YUV(121.5470, 34.7333, 106.5143)
contains.

YUV(121.5470, 34.7333, 106.5143)	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(121.5470, 34.7333,
106.5143)**

Conversions

Conversions Part 1

Format	Color
Hex	F32EC0
RGB	243, 46, 192
RGB Percent	95%, 18%, 75%
CMY	0.0471, 0.8196, 0.2471
CMYK	0.00, 0.81, 0.21, 0.05
HSL	316°, 89%, 57%
HSV	316°, 81%, 95%
XYZ	47.4536, 24.8144, 52.1578
YIQ	121.5470, 70.5460, 87.1700

Conversions

Conversions Part 2

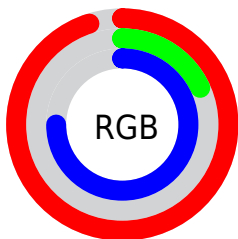
Format	Color
RYB	243, 46, 192
Decimal	15937216
CIELab	56.89, 82.46, -30.81
CIElCh	57, 88.024, 339.512
Yxy	24.8144, 0.3814, 0.1994
Android (android.graphics.Color)	4294127296 (0xFFFF32EC0)
YUV	121.5470, 34.7333, 106.5143
Hunter-Lab	49.8141, 82.8668, -27.2096

Details

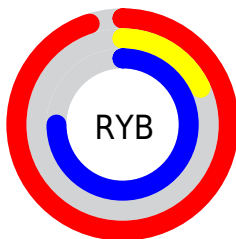
The YUV color **121.5470, 34.7333, 106.5143** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **167.4530, -34.7333, -106.5143**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.7230, 37.6046, 72.1569**, and **70.1500, 33.4500, 98.0924** is the 20% darker color. If you saturate the color by 10%, you get **106.7750, 39.0579, 119.4693**, and if you desaturate by 10%, it is **136.3190, 30.4087, 93.5592**.

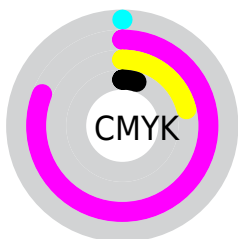
Distribution



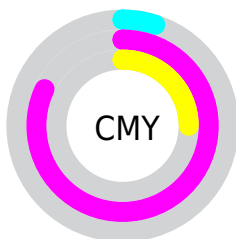
- Red (95%)
- Green (18%)
- Blue (75%)



- Red (95%)
- Yellow (18%)
- Blue (75%)



- Cyan (0%)
- Magenta (81%)
- Yellow (21%)
- Black (5%)




- Cyan (5%)
- Magenta (82%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.5470, 34.7333, 106.5143 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 121.5470, 34.7333, 106.5143 by changing the saturation by 10% instead.


 121.5470, 34.7333,
106.5143


 121.5470, 34.7333,
106.5143


255.0000, 0.0000,
0.0000


 82.1980, 40.8214,
113.8364


 172.7230, 37.6046,
72.1569


 70.1500, 33.4500,
98.0924


 191.0170, 31.5436,
56.1131


 58.2160, 26.5155,
82.2486


 208.6270, 22.8619,
40.6691

 46.8090, 20.3072,
66.8195

 226.8240, 13.8908,
24.7104

 35.4020, 14.0988,
51.3904

 244.4340, 5.2090,
9.2664

 24.4080, 8.1799,
36.4762

 12.9300, 2.9925,

20.2324

■ 0.0000, 0.0000,
0.0000

■ 121.5470, 34.7333,
106.5143

■ 121.5470, 34.7333,
106.5143

■ 106.7750, 39.0579,
119.4693

■ 136.3190, 30.4087,
93.5592

■ 93.1770, 42.8037,
131.3948

■ 151.7920, 26.2315,
79.9894

■ 166.5640, 21.9069,
67.0344

■ 181.3360, 17.5824,
54.0793

■ 196.1080, 13.2578,
41.1243

■ 211.5810, 9.0806,
27.5545

■ 226.3530, 4.7560,
14.5994

■ 241.1250, 0.4314,
1.6444

■ 250.7280, -0.8519,
-6.7775

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



138.2790, 57.5435, 23.4343



121.5470, 34.7333, 106.5143



89.4690, 13.0798, 145.1707

Triad

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



121.5470, 34.7333, 106.5143



125.8230, -62.0307, 15.9412



125.1780, 53.1562, -109.7811

Complementary

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



121.5470, 34.7333, 106.5143



167.4530, -34.7333, -106.5143

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.



117.4430, 20.9806, -102.9975



121.5470, 34.7333, 106.5143



107.0980, -52.7993, -51.8289

Square

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



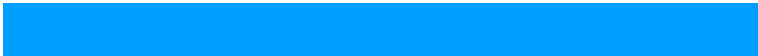
121.5470, 34.7333, 106.5143



127.6370, -62.9250, 69.6014



105.8610, -13.2425, -92.8401



122.4030, 65.3703, -107.3474

Rectangle

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



121.5470, 34.7333, 106.5143



111.3580, -22.3615, 125.9740



105.8610, -13.2425, -92.8401



122.6700, 43.5467, -107.5816

Sweetspot

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



121.5470, 34.7333, 106.5143



217.3690, 10.6641, 33.0024



83.1090, 78.8263, 10.4284



105.1410, 6.3395, 20.0473



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.



121.5470, 34.7333, 106.5143



102.7150, 43.5245, 133.5539



110.4890, -7.6361, 116.2121



114.6140, 2.1623, 6.4775



71.3460, 32.8604, 100.5516



22.5430, 10.0853, 31.9728

Inverse Universe

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



121.5470, 34.7333, 106.5143



102.7150, 43.5245, 133.5539



178.5110, 7.6361, -116.2121



114.6140, 2.1623, 6.4775



71.3460, 32.8604, 100.5516



22.5430, 10.0853, 31.9728

Previews

White Background



This preview shows how the YUV color 121.5470, 34.7333, 106.5143 looks on a white background.

Color Contrast Check

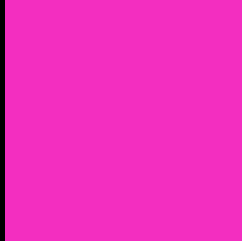
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.5470, 34.7333, 106.5143 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 121.5470, 34.7333, 106.5143 Background



This preview shows how black text looks on a background with the YUV color 121.5470, 34.7333, 106.5143.



This preview shows how white text looks on a background with the YUV color 121.5470, 34.7333, 106.5143.

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

121.5470, 34.7333, 106.5143

Protanopia

128.9680, 62.1338, -49.0839

Deuteranopia

137.5530, 21.4194, -10.1320



Tritanopia

130.1210, -19.7797, 91.1019

Trichromacy



Original Color

121.5470, 34.7333, 106.5143



Protanomaly

126.1000, 52.2087, 7.8053



Deuteranomaly

132.0820, 26.0886, 32.3771



Tritanomaly

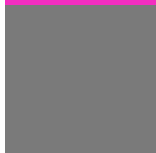
127.0180, -0.0089, 96.4542

Monochromacy



Original Color

121.5470, 34.7333, 106.5143



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

121.5700, 12.5370, 38.9651

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5470, 34.7333, 106.5143 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(243, 46, 192)` looks like.

```
.text, #text, p{  
    color:rgb(243, 46, 192)  
}
```

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(243, 46, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 46, 192) }
```

Border

The CSS property to change the border of an element to YUV 121.5470, 34.7333, 106.5143 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(243, 46, 192) }
```


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

```
.border{ border-color:rgb(243, 46, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 46, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 46, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 46, 192);  
box-shadow:4px 4px 4px 4px rgb(243, 46,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 121.5470, 34.7333, 106.5143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 46, 192) }
```

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

```
.background{ background-color: rgb(243, 46,  
192) }
```

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