

Converting Colors

YUV(107.6270, 43.5679,
119.5991)

Have a look what the booklet for
YUV(107.6270, 43.5679, 119.5991)
contains.

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Color

**YUV(107.6270, 43.5679,
119.5991)**

Conversions

Conversions Part 1

Format	Color
Hex	F415C4
RGB	244, 21, 196
RGB Percent	96%, 8%, 77%
CMY	0.0431, 0.9176, 0.2314
CMYK	0.00, 0.91, 0.20, 0.04
HSL	313°, 91%, 52%
HSV	313°, 91%, 96%
XYZ	47.5402, 23.7549, 54.3041
YIQ	107.6270, 76.7330, 101.7010

Conversions

Conversions Part 2

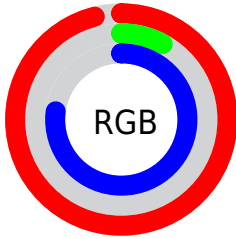
Format	Color
R _Y B	244, 21, 196
Decimal	15996356
CIE Lab	55.84, 87.23, -34.74
CIE LCh	56, 93.898, 338.285
Yxy	23.7549, 0.3785, 0.1891
Android (android.graphics.Color)	4294186436 (0xFFFF415C4)
YUV	107.6270, 43.5679, 119.5991
Hunter-Lab	48.7390, 88.8160, -31.9424

Details

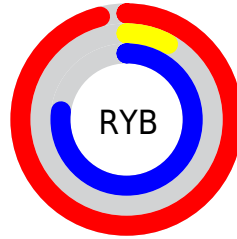
The YUV color **107.6270, 43.5679, 119.5991** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **157.3730, -43.5679, -119.5991**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7220, 42.5351, 77.4198**, and **70.9050, 35.0498, 98.3073** is the 20% darker color. If you saturate the color by 10%, you get **94.7300, 47.4611, 130.9098**, and if you desaturate by 10%, it is **122.2850, 38.8065, 106.7441**.

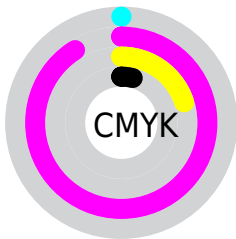
Distribution



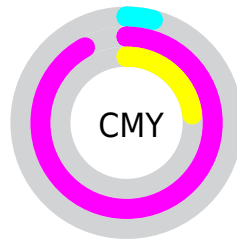
- Red (96%)
- Green (8%)
- Blue (77%)



- Red (96%)
- Yellow (8%)
- Blue (77%)



- Cyan (0%)
- Magenta (91%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (92%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.6270, 43.5679, 119.5991 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 107.6270, 43.5679, 119.5991 by changing the saturation by 10% instead.

 107.6270, 43.5679,
119.5991


 107.6270, 43.5679,
119.5991


255.0000, 0.0000,
0.0000


 82.9530, 42.4212,
114.0512


 166.7220, 42.5351,
77.4198


 70.9050, 35.0498,
98.3073


 185.7340, 34.1481,
60.7463

 58.9710, 28.1153,
82.4634

 203.3440, 25.4664,
45.3023

 47.1510, 21.6176,
66.5196

 221.5410, 16.4953,
29.3435

 35.7440, 15.4092,
51.0905

 239.7380, 7.5242,
13.3848

 24.7500, 9.4902,
36.1763

 12.9730, 4.4503,

19.3177

■ 0.0000, 0.0000,
0.0000

■ 107.6270, 43.5679,
119.5991

■ 107.6270, 43.5679,
119.5991

■ 94.7300, 47.4611,
130.9098

■ 122.2850, 38.8065,
106.7441

■ 137.6440, 34.1925,
93.2742

■ 152.3020, 29.4311,
80.4191

■ 167.5470, 24.3803,
67.0493

■ 182.2050, 19.6189,
54.1942

■ 196.9770, 15.2943,
41.2392

■ 212.2220, 10.2436,
27.8693

■ 226.8800, 5.4822,
15.0142

■ 242.1250, 0.4314,
1.6444

Harmonies

Analogous

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



133.5390, 59.8803, 20.5753



107.6270, 43.5679, 119.5991



89.3550, 12.6430, 145.2707

Triad

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



107.6270, 43.5679, 119.5991



123.7630, -61.0152, 16.8708



124.1180, 54.1718, -108.8515

Complementary

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



107.6270, 43.5679, 119.5991



157.3730, -43.5679, -119.5991

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.



115.6990, 19.3754, -101.4680



107.6270, 43.5679, 119.5991



102.0480, -50.3097, -57.0471

Square

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



107.6270, 43.5679, 119.5991



124.7130, -61.4835, 73.9197



103.4330, -17.4685, -90.7107



122.4030, 65.3703, -107.3474

Rectangle

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



107.6270, 43.5679, 119.5991



89.8840, -13.2538, 144.8067



103.4330, -17.4685, -90.7107



121.9690, 43.3993, -106.9668

Sweetspot

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



107.6270, 43.5679, 119.5991



212.7870, 13.4160, 37.0208



59.8770, 90.7726, 5.3699



102.9070, 7.9338, 22.0066



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.



107.6270, 43.5679, 119.5991



99.0450, 49.7708, 136.7725



95.3150, -3.6063, 130.3967



114.7280, 2.5991, 6.3775



72.2580, 36.3548, 99.7517



22.8850, 11.3957, 31.6729

Inverse Universe

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



107.6270, 43.5679, 119.5991



99.0450, 49.7708, 136.7725



169.6850, 3.6063, -130.3967



114.7280, 2.5991, 6.3775



72.2580, 36.3548, 99.7517



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 107.6270, 43.5679, 119.5991 looks on a white background.

Color Contrast Check

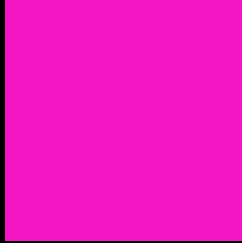
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.6270, 43.5679, 119.5991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

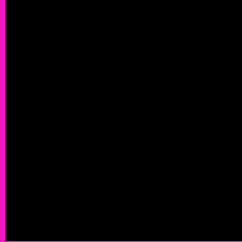
Any Text WCAG AA ✓ Pass

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 107.6270, 43.5679, 119.5991 Background



This preview shows how black text looks on a background with the YUV color 107.6270, 43.5679, 119.5991.



This preview shows how white text looks on a background with the YUV color 107.6270, 43.5679, 119.5991.

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

107.6270, 43.5679, 119.5991

Protanopia

125.4020, 63.8918, -52.9726

Deuteranopia

134.6280, 24.3404, -13.7058



Tritanopia

126.1000, -21.2483, 95.5053

Trichromacy



Original Color

107.6270, 43.5679, 119.5991



Protanomaly

118.9630, 56.7132, 9.6794



Deuteranomaly

124.4720, 31.3193, 34.6661



Tritanomaly

119.3440, 2.2954, 104.0613

Monochromacy



Original Color

107.6270, 43.5679, 119.5991



Achromatopsia

108.0000, 0.0000, 0.0000



Achromatomaly

107.5150, 16.0151, 43.3983

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.6270, 43.5679, 119.5991 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(244, 21, 196)` looks like.

```
.text, #text, p{  
    color:rgb(244, 21, 196)  
}
```

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(244, 21, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 21, 196) }
```

Border

The CSS property to change the border of an element to YUV 107.6270, 43.5679, 119.5991 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(244, 21, 196) }
```


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

```
.border{ border-color:rgb(244, 21, 196) }
```

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

Here you see how a box with a 4 pixel rgb(244, 21, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 21, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 21, 196);  
box-shadow:4px 4px 4px 4px rgb(244, 21,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 107.6270, 43.5679, 119.5991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 21, 196) }
```

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

```
.background{ background-color: rgb(244, 21,  
196) }
```

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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