

Converting Colors

YUV(112.6860, 44.0318,
110.7774)

Have a look what the booklet for
YUV(112.6860, 44.0318, 110.7774)
contains.

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Color

**YUV(112.6860, 44.0318,
110.7774)**

Conversions

Conversions Part 1

Format	Color
Hex	EF1FCA
RGB	239, 31, 202
RGB Percent	94%, 12%, 79%
CMY	0.0627, 0.8784, 0.2078
CMYK	0.00, 0.87, 0.15, 0.06
HSL	311°, 87%, 53%
HSV	311°, 87%, 94%
XYZ	46.7473, 23.5950, 57.9675
YIQ	112.6860, 69.0770, 97.2770

Conversions

Conversions Part 2

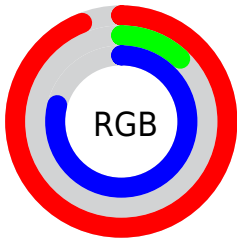
Format	Color
RYB	239, 31, 202
Decimal	15671242
CIELab	55.68, 85.71, -38.51
CIELCh	56, 93.966, 335.806
Yxy	23.5950, 0.3643, 0.1839
Android (android.graphics.Color)	4293861322 (0xFFEF1FCA)
YUV	112.6860, 44.0318, 110.7774
Hunter-Lab	48.5746, 86.7792, -36.7527

Details

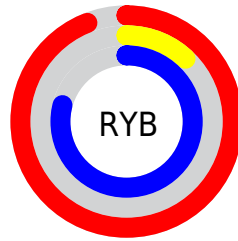
The YUV color **112.6860, 44.0318, 110.7774** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **157.3140, -44.0318, -110.7774**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7110, 42.5405, 75.6755**, and **69.9800, 37.9709, 94.7335** is the 20% darker color. If you saturate the color by 10%, you get **98.1420, 49.2300, 123.5325**, and if you desaturate by 10%, it is **127.2300, 38.8336, 98.0223**.

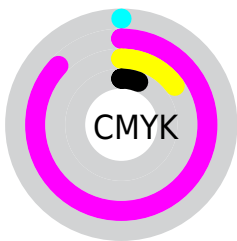
Distribution



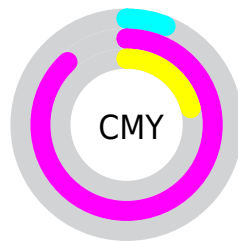
- Red (94%)
- Green (12%)
- Blue (79%)



- Red (94%)
- Yellow (12%)
- Blue (79%)



- Cyan (0%)
- Magenta (87%)
- Yellow (15%)
- Black (6%)





- Cyan (6%)
- Magenta (88%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.6860, 44.0318, 110.7774 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 112.6860, 44.0318, 110.7774 by changing the saturation by 10% instead.

 112.6860, 44.0318,
110.7774


 112.6860, 44.0318,
110.7774


255.0000, 0.0000,
0.0000


 82.0280, 45.3422,
110.4774


 168.7110, 42.5405,
75.6755


 69.9800, 37.9709,
94.7335


 186.9080, 33.5694,
59.7167


 58.0460, 31.0363,
78.8897


 205.1050, 24.5982,
43.7579

 46.5250, 24.3912,
63.5606

 222.7150, 15.9165,
28.3139

 35.1180, 18.1828,
48.1315

 240.9120, 6.9454,
12.3552

 24.0100, 11.8271,
33.3172

 12.5320, 6.6397,

17.0734

■ 0.0000, 0.0000,
0.0000

■ 112.6860, 44.0318,
110.7774

■ 112.6860, 44.0318,
110.7774

■ 98.1420, 49.2300,
123.5325

■ 127.2300, 38.8336,
98.0223

■ 93.8050, 50.3821,
127.3360

■ 141.8880, 34.0722,
85.1672

■ 156.4320, 28.8740,
72.4121

■ 170.9760, 23.6758,
59.6570

■ 185.5200, 18.4776,
46.9020

199.5910, 14.0056,
34.5617

214.1350, 8.8074,
21.8066

228.6790, 3.6093,
9.0515

243.2230, -1.5889,
-3.7036

Harmonies

Analogous

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



132.2990, 60.4916, 11.1388



112.6860, 44.0318, 110.7774



90.1530, 15.7006, 144.5708

Triad

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



112.6860, 44.0318, 110.7774



124.0840, -61.1734, 20.9743



123.4340, 51.5510, -108.2516

Complementary

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



112.6860, 44.0318, 110.7774



157.3140, -44.0318, -110.7774

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.



114.3140, 16.6072, -100.2534



112.6860, 44.0318, 110.7774



105.9460, -52.2314, -47.3106

Square

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



112.6860, 44.0318, 110.7774



123.5610, -60.9156, 78.4380



102.5210, -20.9629, -89.9109



122.4030, 65.3703, -107.3474

Rectangle

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



112.6860, 44.0318, 110.7774



84.1110, -7.4497, 149.8697



102.5210, -20.9629, -89.9109



121.1710, 40.3417, -106.2670

Sweetspot

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



112.6860, 44.0318, 110.7774



214.8900, 13.8582, 35.1765



65.1770, 85.6947, 0.7218



103.6080, 8.0813, 21.3918



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.



112.6860, 44.0318, 110.7774



100.1850, 54.1388, 135.7728



101.0580, -0.5216, 120.9751



112.7280, 2.5991, 6.3775



72.2300, 38.8336, 98.0223



21.9880, 11.8379, 29.8285

Inverse Universe

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



112.6860, 44.0318, 110.7774



100.1850, 54.1388, 135.7728



168.9420, 0.5216, -120.9751



112.7280, 2.5991, 6.3775



72.2300, 38.8336, 98.0223



21.9880, 11.8379, 29.8285

Previews

White Background



This preview shows how the YUV color 112.6860, 44.0318, 110.7774 looks on a white background.

Color Contrast Check

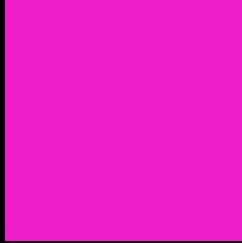
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.6860, 44.0318, 110.7774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

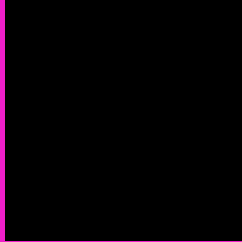
Any Text WCAG AA ✓ Pass

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 112.6860, 44.0318, 110.7774 Background



This preview shows how black text looks on a background with the YUV color 112.6860, 44.0318, 110.7774.



This preview shows how white text looks on a background with the YUV color 112.6860, 44.0318, 110.7774.

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

112.6860, 44.0318, 110.7774

Protanopia

124.2170, 64.4760, -53.6873

Deuteranopia

133.5180, 27.8456, -17.9943



Tritanopia

127.2240, -19.3374, 89.2576

Trichromacy



Original Color

112.6860, 44.0318, 110.7774



Protanomaly

120.0550, 57.1609, 6.0908



Deuteranomaly

126.0090, 33.5196, 28.9331



Tritanomaly

121.9410, 3.4801, 97.3987

Monochromacy



Original Color

112.6860, 44.0318, 110.7774



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

112.7920, 15.8785, 40.5244

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6860, 44.0318, 110.7774 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(239, 31, 202)` looks like.

```
.text, #text, p{  
    color:rgb(239, 31, 202)  
}
```

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(239, 31, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 31, 202) }
```

Border

The CSS property to change the border of an element to YUV 112.6860, 44.0318, 110.7774 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(239, 31, 202) }
```


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

```
.border{ border-color:rgb(239, 31, 202) }
```

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

Here you see how a box with a 4 pixel rgb(239, 31, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 31, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 31, 202);  
box-shadow:4px 4px 4px 4px rgb(239, 31,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 112.6860, 44.0318, 110.7774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 31, 202) }
```

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

```
.background{ background-color: rgb(239, 31,  
202) }
```

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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