

Converting Colors

YUV(107.1460, 12.7460,
112.1280)

Have a look what the booklet for
YUV(107.1460, 12.7460, 112.1280)
contains.

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Color

**YUV(107.1460, 12.7460,
112.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	EB2585
RGB	235, 37, 133
RGB Percent	92%, 15%, 52%
CMY	0.0784, 0.8549, 0.4784
CMYK	0.00, 0.84, 0.43, 0.08
HSL	331°, 83%, 53%
HSV	331°, 84%, 92%
XYZ	39.1562, 20.6788, 24.1179
YIQ	107.1460, 87.1920, 71.8320

Conversions

Conversions Part 2

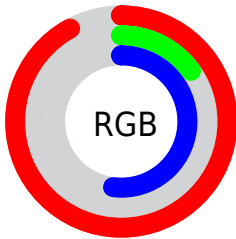
Format	Color
R_{YB}	235, 37, 133
Decimal	15410565
CIE Lab	52.60, 76.37, -2.74
CIE LCh	53, 76.417, 357.944
Yxy	20.6788, 0.4664, 0.2463
Android (android.graphics.Color)	4293600645 (0xFFEB2585)
YUV	107.1460, 12.7460, 112.1280
Hunter-Lab	45.4739, 74.1214, 0.3862

Details

The YUV color **107.1460, 12.7460, 112.1280** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **164.8540, -12.7460, -112.1280**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.2580, 12.6908, 83.0887**, and **61.3030, 11.1896, 97.9583** is the 20% darker color. If you saturate the color by 10%, you get **92.2770, 14.1604, 125.1681**, and if you desaturate by 10%, it is **122.0150, 11.3316, 99.0878**.

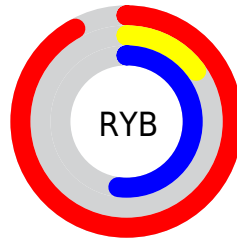
Distribution



Red (92%)

Green (15%)

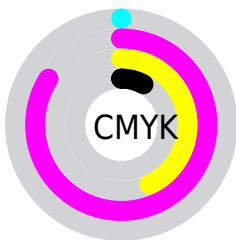
Blue (52%)



Red (92%)

Yellow (15%)

Blue (52%)

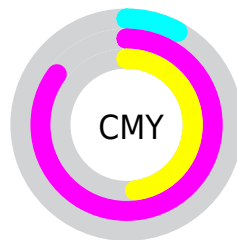


Cyan (0%)

Magenta (84%)

Yellow (43%)

Black (8%)



Cyan (8%)


Magenta (85%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.1460, 12.7460, 112.1280 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 107.1460, 12.7460, 112.1280 by changing the saturation by 10% instead.


 107.1460, 12.7460,
112.1280


 107.1460, 12.7460,
112.1280


255.0000, 0.0000,
0.0000


 73.3080, 17.1032,
114.6169


 160.2580, 12.6908,
83.0887


 61.3030, 11.1896,
97.9583


 181.6470, 15.9500,
64.3306

 49.7110, 5.5655,
81.8145


 201.8620, 19.7880,
46.6020

 37.9340, 0.5255,
64.9559

 220.9540, 16.7847,
29.8583

 26.9830, -3.9356,
49.1269

 238.5640, 8.1029,
14.4144

 16.0750, -6.9390,
32.3832

 1.1960, -0.5896,

2.4591

■ 0.0000, 0.0000,
0.0000

■ 107.1460, 12.7460,
112.1280

■ 107.1460, 12.7460,
112.1280

■ 92.2770, 14.1604,
125.1681

■ 122.0150, 11.3316,
99.0878

■ 83.2610, 15.1543,
133.0751

■ 137.4710, 9.6278,
85.5329

■ 152.9270, 7.9240,
71.9780

■ 167.7960, 6.5096,
58.9379

■ 183.3660, 5.2426,
45.2830

■ 198.2350, 3.8281,
32.2429

■ 213.6910, 2.1243,
18.6880

■ 228.5600, 0.7099,
5.6479

■ 244.0160, -0.9939,
-7.9070

Harmonies

Analogous

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



123.8100, 35.5897, 65.0646



107.1460, 12.7460, 112.1280



110.1170, -20.2707, 108.6454

Triad

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



107.1460, 12.7460, 112.1280



108.8020, -53.6394, -15.6124



114.4810, 60.4019, -100.3998

Complementary

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



107.1460, 12.7460, 112.1280



164.8540, -12.7460, -112.1280

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.



111.6020, 36.6782, -97.8750



107.1460, 12.7460, 112.1280



93.0490, -21.7162, -81.6040

Square

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



107.1460, 12.7460, 112.1280



117.6710, -58.0118, 33.6145



103.3770, 7.7021, -90.6616



108.9020, 72.0263, -95.5071

Rectangle

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



107.1460, 12.7460, 112.1280



115.1660, -44.9448, 89.3084



103.3770, 7.7021, -90.6616



114.0590, 53.7079, -100.0297

Sweetspot

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



107.1460, 12.7460, 112.1280



213.6700, 4.1067, 36.2464



89.1730, 71.8927, 41.0673



102.8270, 2.5503, 22.0767



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.



107.1460, 12.7460, 112.1280



90.3810, 16.5742, 144.3709



96.2020, -29.1866, 121.7258



109.8590, 0.5625, 6.2627



64.1510, 11.7576, 102.4766



19.1100, 3.3968, 30.5985

Inverse Universe

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



107.1460, 12.7460, 112.1280



90.3810, 16.5742, 144.3709



175.7980, 29.1866, -121.7258



109.8590, 0.5625, 6.2627



64.1510, 11.7576, 102.4766



19.1100, 3.3968, 30.5985

Previews

White Background



This preview shows how the YUV color 107.1460, 12.7460, 112.1280 looks on a white background.

Color Contrast Check

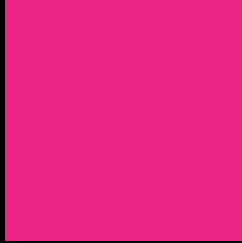
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.1460, 12.7460, 112.1280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

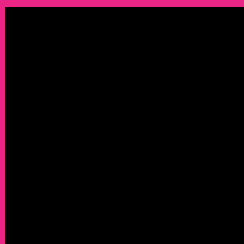
Any Text WCAG AA ✓ Pass

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 107.1460, 12.7460, 112.1280 Background



This preview shows how black text looks on a background with the YUV color 107.1460, 12.7460, 112.1280.



This preview shows how white text looks on a background with the YUV color 107.1460, 12.7460,

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

107.1460, 12.7460, 112.1280

Protanopia

125.5720, 29.2980, -17.1646

Deuteranopia

127.1970, -2.0691, 10.3512



Tritanopia

112.0580, -24.1856, 104.3121

Trichromacy



Original Color

107.1460, 12.7460, 112.1280

Protanomaly

118.6750, 23.3312, 30.1030

Deuteranomaly

119.9210, 3.4899, 47.4273

Tritanomaly

109.9240, -10.8085, 107.0607

Monochromacy



Original Color

107.1460, 12.7460, 112.1280

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.4040, 4.2378, 40.8647

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.1460, 12.7460, 112.1280 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(235, 37, 133)` looks like.

```
.text, #text, p{  
    color:rgb(235, 37, 133)  
}
```

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(235, 37, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 37, 133) }
```

Border

The CSS property to change the border of an element to YUV 107.1460, 12.7460, 112.1280 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(235, 37, 133) }
```


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

```
.border{ border-color:rgb(235, 37, 133) }
```

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

Here you see how a box with a 4 pixel rgb(235, 37, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 37, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 37, 133);  
box-shadow:4px 4px 4px 4px rgb(235, 37,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 107.1460, 12.7460, 112.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 37, 133) }
```

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

```
.background{ background-color: rgb(235, 37,  
133) }
```

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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