

Converting Colors

YUV(93.3270, 11.6708,
130.3862)

Have a look what the booklet for
YUV(93.3270, 11.6708, 130.3862)
contains.

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Color

**YUV(93.3270, 11.6708,
130.3862)**

Conversions

Conversions Part 1

Format	Color
Hex	F20D75
RGB	242, 13, 117
RGB Percent	95%, 5%, 46%
CMY	0.0510, 0.9490, 0.5412
CMYK	0.00, 0.95, 0.52, 0.05
HSL	333°, 90%, 50%
HSV	333°, 95%, 95%
XYZ	39.9728, 20.4494, 18.6700
YIQ	93.3270, 103.1000, 80.8920

Conversions

Conversions Part 2

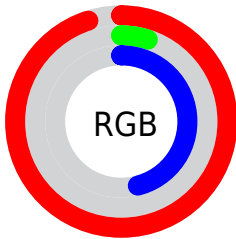
Format	Color
R_{YB}	242, 13, 117
Decimal	15863157
CIE _{Lab}	52.34, 80.03, 6.72
CIE _{LCh}	52, 80.315, 4.799
Yxy	20.4494, 0.5054, 0.2586
Android (android.graphics.Color)	4294053237 (0xFFFF20D75)
YUV	93.3270, 11.6708, 130.3862
Hunter-Lab	45.2211, 78.6466, 7.1763

Details

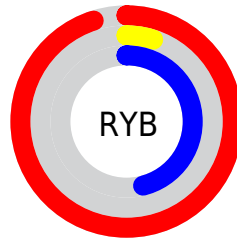
The YUV color **93.3270, 11.6708, 130.3862** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark saturated rose. A complement of this color would be **161.6730, -11.6708, -130.3862**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.6240, 7.5804, 88.9068**, and **61.3870, 3.7532, 103.1466** is the 20% darker color. If you saturate the color by 10%, you get **84.8980, 12.3753, 137.7785**, and if you desaturate by 10%, it is **108.8970, 10.4038, 116.7313**.

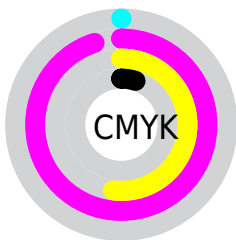
Distribution



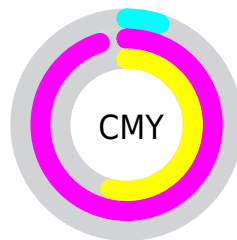
- Red (95%)
- Green (5%)
- Blue (46%)



- Red (95%)
- Yellow (5%)
- Blue (46%)



- Cyan (0%)
- Magenta (95%)
- Yellow (52%)
- Black (5%)





- Cyan (5%)
- Magenta (95%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.3270, 11.6708, 130.3862 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 93.3270, 11.6708, 130.3862 by changing the saturation by 10% instead.

 93.3270, 11.6708,
130.3862


 93.3270, 11.6708,
130.3862


255.0000, 0.0000,
0.0000


 73.3920, 9.6667,
119.8052


 153.6240, 7.5804,
88.9068


 61.3870, 3.7532,
103.1466


 174.8990, 10.4028,
70.2486

 49.7240, -0.8499,
86.1881


 196.2880, 13.6620,
51.4904

 37.8760, -4.8689,
68.5147

 217.0900, 17.2106,
33.2471

 26.4690, -11.0772,
53.0857

 235.0420, 9.8393,
17.5032

 16.6730, -7.2338,
33.6128

 253.2390, 0.8682,

 2.9900, -1.4741,

1.5444

6.1478

■ 0.0000, 0.0000,
0.0000

■ 93.3270, 11.6708,
130.3862

■ 93.3270, 11.6708,
130.3862

■ 84.8980, 12.3753,
137.7785

■ 108.8970, 10.4038,
116.7313

■ 124.4670, 9.1368,
103.0764

■ 140.7380, 8.0172,
88.8068

■ 156.3080, 6.7502,
75.1519

■ 171.8780, 5.4831,
61.4970

■ 187.4480, 4.2161,
47.8421

■ 203.0180, 2.9491,
34.1872

■ 219.2890, 1.8295,
19.9175

■ 234.8590, 0.5625,
6.2627

Harmonies

Analogous

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



117.0620, 33.4934, 84.1376



93.3270, 11.6708, 130.3862



108.8260, -29.0012, 108.9006

Triad

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



93.3270, 11.6708, 130.3862



103.3870, -50.9698, -31.9114



114.9030, 67.0958, -100.7699

Complementary

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



93.3270, 11.6708, 130.3862



161.6730, -11.6708, -130.3862

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.



112.9530, 44.3932, -99.0598



93.3270, 11.6708, 130.3862



95.0040, -16.7640, -83.3185

Square

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



93.3270, 11.6708, 130.3862



116.4200, -57.3951, 22.4337



105.7880, 14.4015, -92.7761



105.9670, 73.4733, -92.9331

Rectangle

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



93.3270, 11.6708, 130.3862



113.5710, -55.9905, 85.4452



105.7880, 14.4015, -92.7761



115.1820, 60.5493, -101.0146

Sweetspot

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



93.3270, 11.6708, 130.3862



208.8770, 3.5116, 40.4499



75.5840, 82.0431, 52.1078



99.4360, 2.2501, 25.0506



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.



93.3270, 11.6708, 130.3862



89.4690, 13.0798, 145.1707



86.1670, -36.0713, 136.6655



112.1580, 0.4151, 6.8774



64.4780, 9.1313, 104.8208



19.5940, 2.6652, 31.9281

Inverse Universe

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



93.3270, 11.6708, 130.3862



89.4690, 13.0798, 145.1707



168.8330, 36.0713, -136.6655



112.1580, 0.4151, 6.8774



64.4780, 9.1313, 104.8208



19.5940, 2.6652, 31.9281

Previews

White Background



This preview shows how the YUV color 93.3270, 11.6708, 130.3862 looks on a white background.

Color Contrast Check

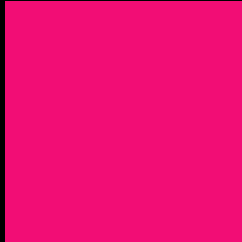
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.3270, 11.6708, 130.3862 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 93.3270, 11.6708, 130.3862

Background



This preview shows how black text looks on a background with the YUV color 93.3270, 11.6708, 130.3862.



This preview shows how white text looks on a background with the YUV color 93.3270, 11.6708,

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

93.3270, 11.6708, 130.3862

Protanopia

125.8410, 21.2774, -11.2616

Deuteranopia

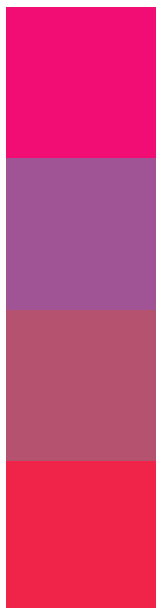
126.5800, -9.6529, 16.1543



Tritanopia

104.9950, -28.5915, 117.5224

Trichromacy



Original Color

93.3270, 11.6708, 130.3862

Protanomaly

114.2480, 17.6257, 40.1245

Deuteranomaly

114.6080, -1.7787, 57.3488

Tritanomaly

100.5130, -14.0569, 122.3301

Monochromacy



Original Color

93.3270, 11.6708, 130.3862

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.1490, 4.3635, 47.2273

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3270, 11.6708, 130.3862 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(242, 13, 117)` looks like.

```
.text, #text, p{  
    color:rgb(242, 13, 117)  
}
```

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(242, 13, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 13, 117) }
```

Border

The CSS property to change the border of an element to YUV 93.3270, 11.6708, 130.3862 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(242, 13, 117) }
```


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

```
.border{ border-color:rgb(242, 13, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 13, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 13, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 13, 117);  
box-shadow:4px 4px 4px 4px rgb(242, 13,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 93.3270, 11.6708, 130.3862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 13, 117) }
```

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

```
.background{ background-color: rgb(242, 13,  
117) }
```

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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