

Converting Colors

YUV(106.3930, 4.7363,
114.5423)

Have a look what the booklet for
YUV(106.3930, 4.7363, 114.5423)
contains.

YUV(106.3930, 4.7363, 114.5423)	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(106.3930, 4.7363,
114.5423)**

Conversions

Conversions Part 1

Format	Color
Hex	ED2674
RGB	237, 38, 116
RGB Percent	93%, 15%, 45%
CMY	0.0706, 0.8510, 0.5451
CMYK	0.00, 0.84, 0.51, 0.07
HSL	336°, 85%, 54%
HSV	336°, 84%, 93%
XYZ	38.7706, 20.6517, 18.4657
YIQ	106.3930, 93.5660, 66.4460

Conversions

Conversions Part 2

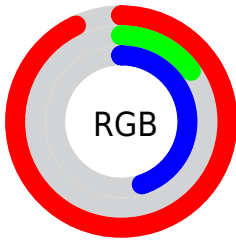
Format	Color
R_{YB}	237, 38, 116
Decimal	15541876
CIE _{Lab}	52.57, 75.27, 7.51
CIE _{LCh}	53, 75.646, 5.700
Yxy	20.6517, 0.4978, 0.2651
Android (android.graphics.Color)	4293731956 (0xFFED2674)
YUV	106.3930, 4.7363, 114.5423
Hunter-Lab	45.4441, 72.7595, 7.7191

Details

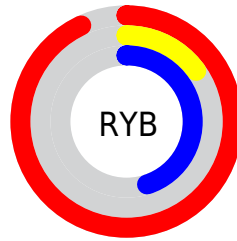
The YUV color **106.3930, 4.7363, 114.5423** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **168.6070, -4.7363, -114.5423**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7930, 4.5391, 84.3735**, and **59.7780, 4.0534, 100.1727** is the 20% darker color. If you saturate the color by 10%, you get **90.7090, 5.5665, 128.2972**, and if you desaturate by 10%, it is **122.0770, 3.9060, 100.7875**.

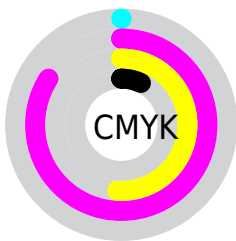
Distribution



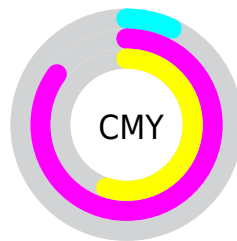
- Red (93%)
- Green (15%)
- Blue (45%)



- Red (93%)
- Yellow (15%)
- Blue (45%)



- Cyan (0%)
- Magenta (84%)
- Yellow (51%)
- Black (7%)




- Cyan (7%)
- Magenta (85%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.3930, 4.7363, 114.5423 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 106.3930, 4.7363, 114.5423 by changing the saturation by 10% instead.


 106.3930, 4.7363,
114.5423


 106.3930, 4.7363,
114.5423


255.0000, 0.0000,
0.0000


 72.0820, 9.8196,
117.4461


 158.7930, 4.5391,
84.3735


 59.7780, 4.0534,
100.1727


 179.4810, 7.6509,
66.2302


 48.1150, -0.5497,
83.2141


 200.2830, 11.1995,
47.9868

 36.8650, -4.8634,
66.7704

 220.4980, 15.0375,
30.2583

 25.4580, -11.0718,
51.3413

 239.1510, 7.8136,
13.8996

 15.7760, -6.7916,
31.7684

 0.0000, 0.0000,

0.0000

■ 106.3930, 4.7363,
114.5423

■ 106.3930, 4.7363,
114.5423

■ 90.7090, 5.5665,
128.2972

■ 122.0770, 3.9060,
100.7875

■ 81.4650, 5.6868,
136.4042

■ 137.2880, 3.8020,
87.4474

■ 152.9720, 2.9718,
73.6926

■ 168.7700, 2.5784,
59.8377

■ 183.8670, 2.0376,
46.5976

■ 199.5510, 1.2074,
32.8428

215.3490, 0.8139,
18.9879

231.0330, -0.0163,
5.2331

246.2440, -0.1203,
-8.1070

Harmonies

Analogous

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



120.5900, 29.2891, 79.2896



106.3930, 4.7363, 114.5423



112.9560, -29.5583, 100.8936

Triad

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



106.3930, 4.7363, 114.5423



104.2840, -51.4120, -30.0671



113.6320, 64.7644, -99.6553

Complementary

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



106.3930, 4.7363, 114.5423



168.6070, -4.7363, -114.5423

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.



112.6110, 43.0828, -98.7598



106.3930, 4.7363, 114.5423



95.8020, -13.7064, -84.0184

Square

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



106.3930, 4.7363, 114.5423



116.7080, -57.5370, 21.3041



105.4290, 15.5645, -92.4612



105.3800, 73.7627, -92.4183

Rectangle

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



106.3930, 4.7363, 114.5423



115.3100, -56.8478, 80.4121



105.4290, 15.5645, -92.4612



114.0250, 58.6547, -99.9999

Sweetspot

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



106.3930, 4.7363, 114.5423



212.9860, 1.4859, 36.8463



96.2670, 69.3814, 53.2628



102.3710, 0.8031, 22.4766



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.



106.3930, 4.7363, 114.5423



87.6450, 6.0910, 146.7703



109.2410, -35.1218, 112.0446



109.7450, 0.1257, 6.3626



62.2130, 4.3320, 104.1762



18.5400, 1.2128, 31.0984

Inverse Universe

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



106.3930, 4.7363, 114.5423



87.6450, 6.0910, 146.7703



165.7590, 35.1218, -112.0446



109.7450, 0.1257, 6.3626



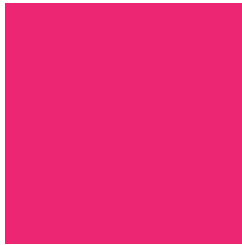
62.2130, 4.3320, 104.1762



18.5400, 1.2128, 31.0984

Previews

White Background



This preview shows how the YUV color 106.3930, 4.7363, 114.5423 looks on a white background.

Color Contrast Check

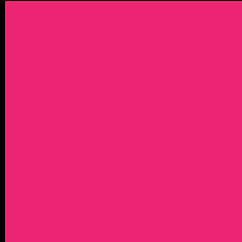
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.3930, 4.7363, 114.5423 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 106.3930, 4.7363, 114.5423

Background



This preview shows how black text looks on a background with the YUV color 106.3930, 4.7363, 114.5423.



This preview shows how white text looks on a background with the YUV color 106.3930, 4.7363, 114.5423.

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

106.3930, 4.7363, 114.5423

Protanopia

126.8260, 17.3408, -8.6174

Deuteranopia

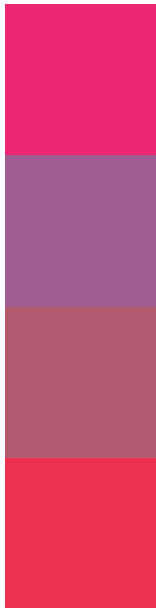
126.5800, -9.6529, 16.1543



Tritanopia

109.4500, -25.3648, 109.2304

Trichromacy



Original Color

106.3930, 4.7363, 114.5423

Protanomaly

119.2600, 12.6898, 36.6060

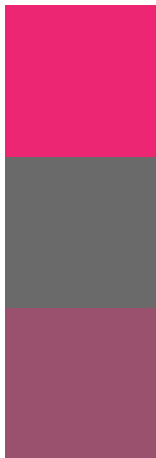
Deuteranomaly

119.1790, -4.5252, 51.5860

Tritanomaly

108.0340, -14.3138, 111.3492

Monochromacy



Original Color

106.3930, 4.7363, 114.5423

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.1330, 1.9064, 41.9794

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.3930, 4.7363, 114.5423 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(237, 38, 116)` looks like.

```
.text, #text, p{  
  color:rgb(237, 38, 116)  
}
```

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(237, 38, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 38, 116) }
```

Border

The CSS property to change the border of an element to YUV 106.3930, 4.7363, 114.5423 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(237, 38, 116) }
```


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

```
.border{ border-color:rgb(237, 38, 116) }
```

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

Here you see how a box with a 4 pixel rgb(237, 38, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 38, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 38, 116);  
box-shadow:4px 4px 4px 4px rgb(237, 38,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 106.3930, 4.7363, 114.5423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 38, 116) }
```

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

```
.background{ background-color: rgb(237, 38,  
116) }
```

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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