

Converting Colors

YUV(112.2750, -3.0936,
105.8758)

Have a look what the booklet for
YUV(112.2750, -3.0936, 105.8758)
contains.

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Color

**YUV(112.2750, -3.0936,
105.8758)**

Conversions

Conversions Part 1

Format	Color
Hex	E9346A
RGB	233, 52, 106
RGB Percent	91%, 20%, 42%
CMY	0.0863, 0.7961, 0.5843
CMYK	0.00, 0.78, 0.55, 0.09
HSL	342°, 80%, 56%
HSV	342°, 78%, 91%
XYZ	37.4338, 20.8202, 15.6814
YIQ	112.2750, 90.5420, 55.1660

Conversions

Conversions Part 2

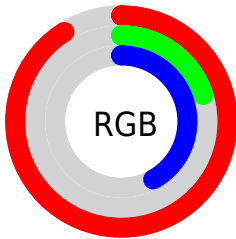
Format	Color
R_{YB}	233, 52, 106
Decimal	15283306
CIE _{Lab}	52.75, 70.16, 13.70
CIE _{LCh}	53, 71.484, 11.052
Yxy	20.8202, 0.5063, 0.2816
Android (android.graphics.Color)	4293473386 (0xFFE9346A)
YUV	112.2750, -3.0936, 105.8758
Hunter-Lab	45.6292, 66.5887, 11.5642

Details

The YUV color **112.2750, -3.0936, 105.8758** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **172.7250, 3.0936, -105.8758**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6480, -2.2915, 81.8697**, and **57.8550, 0.5645, 99.2282** is the 20% darker color. If you saturate the color by 10%, you get **96.9500, -3.4264, 119.3159**, and if you desaturate by 10%, it is **127.6000, -2.7608, 92.4358**.

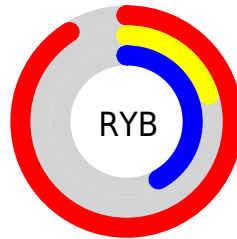
Distribution



Red (91%)

Green (20%)

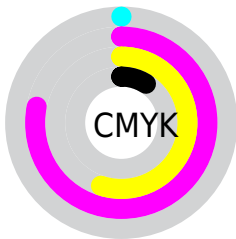
Blue (42%)



Red (91%)

Yellow (20%)

Blue (42%)

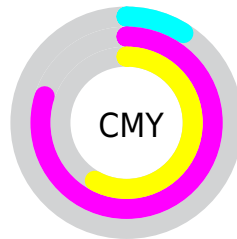


Cyan (0%)

Magenta (78%)

Yellow (55%)

Black (9%)



Cyan (9%)

Magenta (80%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.2750, -3.0936, 105.8758 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 112.2750, -3.0936, 105.8758 by changing the saturation by 10% instead.

 112.2750, -3.0936,
105.8758

 112.2750, -3.0936,
105.8758


255.0000, 0.0000,
0.0000

 69.7460, 6.0412,
115.9868

 161.6480, -2.2915,
81.8697


 57.8550, 0.5645,
99.2282


 182.3360, 0.8204,
63.7263

 46.1920, -4.0387,
82.2696

 202.4370, 4.2216,
46.0978

 34.6430, -8.2050,
65.2111

 222.7660, 8.4964,
28.2692

 24.2620, -10.4822,
48.8822

 242.0860, 6.3666,
11.3256

 14.8790, -6.3493,
29.9241

 0.0000, 0.0000,

0.0000

■ 112.2750, -3.0936,
105.8758

■ 112.2750, -3.0936,
105.8758

■ 96.9500, -3.4264,
119.3159

■ 127.6000, -2.7608,
92.4358

■ 80.9240, -3.9065,
133.3707

■ 143.6260, -2.2806,
78.3810

■ 77.6470, -3.7700,
136.2446

■ 158.9510, -1.9478,
64.9410

■ 174.2760, -1.6151,
51.5009

■ 190.3020, -1.1349,
37.4461

■ 205.6270, -0.8021,
24.0061

■ 220.9520, -0.4693,
10.5661

■ 236.3910, 0.3002,
-2.9739

■ 248.1940, 2.3694,
-13.3251

Harmonies

Analogous

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



120.5920, 22.8791, 81.9188



112.2750, -3.0936, 105.8758



116.9240, -34.4725, 90.3977

Triad

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



112.2750, -3.0936, 105.8758



103.3090, -46.0013, -38.8590



112.2300, 64.4696, -98.4257

Complementary

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



112.2750, -3.0936, 105.8758



172.7250, 3.0936, -105.8758

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.



112.1210, 46.2823, -98.3301



112.2750, -3.0936, 105.8758



98.0990, -7.4438, -86.0328

Square

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



112.2750, -3.0936, 105.8758



115.4790, -56.9311, 13.6119



106.6830, 20.3693, -93.5610



102.2340, 71.8626, -89.6592

Rectangle

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



112.2750, -3.0936, 105.8758



117.0160, -57.6889, 70.1460



106.6830, 20.3693, -93.5610



112.9650, 59.6703, -99.0703

Sweetspot

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



112.2750, -3.0936, 105.8758



215.6930, -0.8346, 34.4722



110.6070, 60.3397, 59.9807



103.9040, -0.9387, 21.1322



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.



112.2750, -3.0936, 105.8758



96.9570, -3.9228, 138.6037



127.2510, -37.0987, 92.7419



109.6310, -0.3111, 6.4626



60.2750, -3.0936, 105.8758



17.9700, -0.9712, 31.5983

Inverse Universe

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



112.2750, -3.0936, 105.8758



96.9570, -3.9228, 138.6037



157.7490, 37.0987, -92.7419



109.6310, -0.3111, 6.4626



60.2750, -3.0936, 105.8758



17.9700, -0.9712, 31.5983

Previews

White Background



This preview shows how the YUV color 112.2750, -3.0936, 105.8758 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 112.2750, -3.0936, 105.8758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

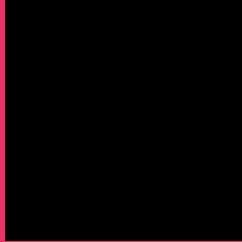
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.2750, -3.0936, 105.8758

Background



This preview shows how black text looks on a background with the YUV color 112.2750, -3.0936, 105.8758.



This preview shows how white text looks on a background with the YUV color 112.2750, -3.0936,

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

112.2750, -3.0936, 105.8758

Protanopia

126.7530, 8.0098, -2.4144

Deuteranopia

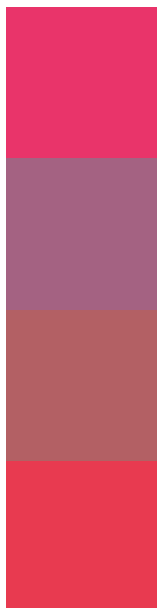
126.3370, -14.4631, 18.9985



Tritanopia

112.8730, -23.6014, 103.5974

Trichromacy



Original Color

112.2750, -3.0936, 105.8758

Protanomaly

121.3820, 4.2487, 37.3760

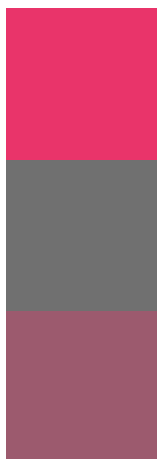
Deuteranomaly

121.2730, -10.4876, 50.6266

Tritanomaly

112.5340, -16.0393, 104.7717

Monochromacy



Original Color

112.2750, -3.0936, 105.8758

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0140, -0.9929, 38.5757

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2750, -3.0936, 105.8758 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(233, 52, 106)` looks like.

```
.text, #text, p{  
    color:rgb(233, 52, 106)  
}
```

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(233, 52, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 52, 106) }
```

Border

The CSS property to change the border of an element to YUV 112.2750, -3.0936, 105.8758 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(233, 52, 106) }
```


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

```
.border{ border-color:rgb(233, 52, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 52, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 52, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 52, 106);  
box-shadow:4px 4px 4px 4px rgb(233, 52,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 112.2750, -3.0936, 105.8758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 52, 106) }
```

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

```
.background{ background-color: rgb(233, 52,  
106) }
```

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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