

Converting Colors

YUV(107.0770, -12.8560,
110.4345)

Have a look what the booklet for
YUV(107.0770, -12.8560, 110.4345)
contains.

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Color

**YUV(107.0770, -12.8560,
110.4345)**

Conversions

Conversions Part 1

Format	Color
Hex	E93051
RGB	233, 48, 81
RGB Percent	91%, 19%, 32%
CMY	0.0863, 0.8118, 0.6824
CMYK	0.00, 0.79, 0.65, 0.09
HSL	349°, 81%, 55%
HSV	349°, 79%, 91%
XYZ	36.1464, 20.0316, 9.7459
YIQ	107.0770, 99.6670, 49.4830

Conversions

Conversions Part 2

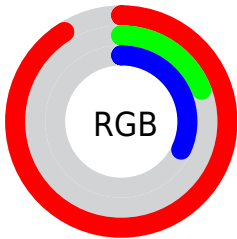
Format	Color
R_{YB}	233, 48, 81
Decimal	15282257
CIE Lab	51.87, 69.70, 27.56
CIE LCh	52, 74.948, 21.573
Yxy	20.0316, 0.5483, 0.3039
Android (android.graphics.Color)	4293472337 (0xFFE93051)
YUV	107.0770, -12.8560, 110.4345
Hunter-Lab	44.7567, 65.8360, 18.4191

Details

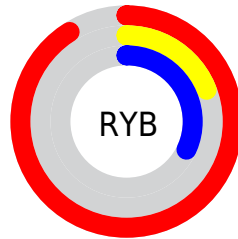
The YUV color **107.0770, -12.8560, 110.4345** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **173.9230, 12.8560, -110.4345**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.8090, -13.2168, 86.1135**, and **54.7490, -8.7503, 100.1981** is the 20% darker color. If you saturate the color by 10%, you get **91.4100, -14.4991, 124.1744**, and if you desaturate by 10%, it is **122.7440, -11.2128, 96.6945**.

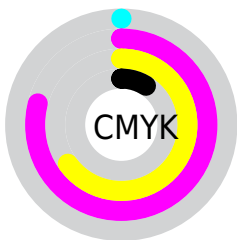
Distribution



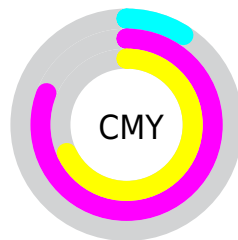
- Red (91%)
- Green (19%)
- Blue (32%)



- Red (91%)
- Yellow (19%)
- Blue (32%)



- Cyan (0%)
- Magenta (79%)
- Yellow (65%)
- Black (9%)





- Cyan (9%)
- Magenta (81%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.0770, -12.8560, 110.4345 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 107.0770, -12.8560, 110.4345 by changing the saturation by 10% instead.


 107.0770,
-12.8560, 110.4345

 107.0770,
-12.8560, 110.4345


255.0000, 0.0000,
0.0000


 66.7110, -4.2945,
117.7715


 156.8090,
-13.2168, 86.1135

 54.7490, -8.7503,
100.1981


 176.7960,
-10.2524, 68.5849


 43.2000, -12.9166,
83.1396


 197.4840, -7.1406,
50.4415

 31.9930, -15.7725,
65.7811

 217.5850, -3.7394,
32.8130

 23.3650, -10.0399,
47.0379

 238.5010, 0.2460,
14.4696

 13.9820, -5.9071,
28.0798

 0.0000, 0.0000,

0.0000

■ 107.0770,
-12.8560, 110.4345

■ 107.0770,
-12.8560, 110.4345

■ 91.4100, -14.4991,
124.1744

■ 122.7440,
-11.2128, 96.6945

■ 75.1560, -15.8529,
138.4292

■ 138.9980, -9.8590,
82.4398

■ 74.4550, -16.0003,
139.0440


■ 154.6650, -8.2158,
68.6998


■ 170.4460, -6.1359,
54.8599

■ 186.7000, -4.7821,
40.6051

■ 202.3670, -3.1389,
26.8651

 218.0340, -1.4958,
13.1252

 233.7010, 0.1474,
-0.6148

 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.



109.6440, 17.4305, 102.9212



107.0770, -12.8560, 110.4345



113.2810, -49.4385, 83.9456

Triad

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



107.0770, -12.8560, 110.4345



88.8770, -27.5474, -77.9451



109.1470, 70.4265, -95.7219

Complementary

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



107.0770, -12.8560, 110.4345



173.9230, 12.8560, -110.4345

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.



112.4120, 55.0129, -98.5853



107.0770, -12.8560, 110.4345



99.7920, 1.5815, -87.5176

Square

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



107.0770, -12.8560, 110.4345



110.3520, -54.4035, -3.8167



107.9030, 30.1208, -94.6309



115.7670, 63.7119, -41.8917

Rectangle

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



107.0770, -12.8560, 110.4345



116.3410, -57.3561, 56.7059



107.9030, 30.1208, -94.6309



111.3980, 66.3588, -97.6960

Sweetspot

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



107.0770, -12.8560, 110.4345



213.4930, -4.1870, 36.4016



114.2390, 58.5492, 74.3354



102.7470, -2.8333, 22.1469



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.



107.0770, -12.8560, 110.4345



90.2600, -16.8902, 144.4770



137.9480, -44.3444, 83.3606



109.5170, -0.7479, 6.5626



57.7670, -12.7031, 108.0753



17.2860, -3.5920, 32.1982

Inverse Universe

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



107.0770, -12.8560, 110.4345



90.2600, -16.8902, 144.4770



143.0520, 44.3444, -83.3606



109.5170, -0.7479, 6.5626



57.7670, -12.7031, 108.0753



17.2860, -3.5920, 32.1982

Previews

White Background



This preview shows how the YUV color 107.0770, -12.8560, 110.4345 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 107.0770, -12.8560, 110.4345 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 107.0770, -12.8560, 110.4345 Background



This preview shows how black text looks on a background with the YUV color 107.0770, -12.8560, 110.4345.



This preview shows how white text looks on a background with the YUV color 107.0770, -12.8560, 110.4345.

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

107.0770, -12.8560, 110.4345

Protanopia

124.1270, -5.9786, 4.2736

Deuteranopia

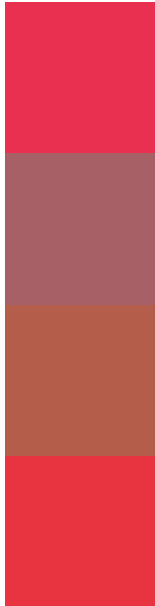
123.0960, -25.6833, 24.4718



Tritanopia

107.3360, -25.8016, 109.3303

Trichromacy



Original Color

107.0770, -12.8560, 110.4345

Protanomaly

117.7990, -8.2819, 43.1493

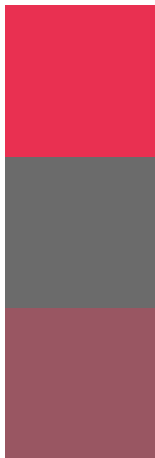
Deuteranomaly

117.2600, -20.8342, 55.9000

Tritanomaly

107.1880, -21.2917, 109.4601

Monochromacy



Original Color

107.0770, -12.8560, 110.4345

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.4010, -4.6347, 39.9903

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0770, -12.8560, 110.4345 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, 48, 81)` looks like.

```
.text, #text, p{  
    color:rgb(233, 48, 81)  
}
```

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, 48, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 48, 81) }
```

Border

The CSS property to change the border of an element to YUV 107.0770, -12.8560, 110.4345 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, 48, 81) }
```


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

```
.border{ border-color:rgb(233, 48, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 48, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 48, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 48, 81);  
box-shadow:4px 4px 4px 4px rgb(233, 48,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 107.0770, -12.8560, 110.4345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 48, 81) }
```

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

```
.background{ background-color: rgb(233, 48,  
81) }
```

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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