

Converting Colors

YUV(126.9500, -10.3284,
93.0058)

Have a look what the booklet for
YUV(126.9500, -10.3284, 93.0058)
contains.

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Color

**YUV(126.9500, -10.3284,
93.0058)**

Conversions

Conversions Part 1

Format	Color
Hex	E94D6A
RGB	233, 77, 106
RGB Percent	91%, 30%, 42%
CMY	0.0863, 0.6980, 0.5843
CMYK	0.00, 0.67, 0.55, 0.09
HSL	349°, 78%, 61%
HSV	349°, 67%, 91%
XYZ	38.8597, 23.6720, 16.1567
YIQ	126.9500, 83.6670, 42.0910

Conversions

Conversions Part 2

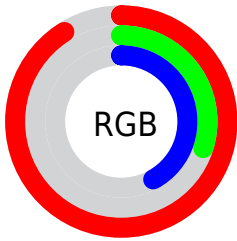
Format	Color
R_{YB}	233, 77, 106
Decimal	15289706
CIE _{Lab}	55.76, 61.80, 17.84
CIE _{LCh}	56, 64.321, 16.100
Yxy	23.6720, 0.4938, 0.3008
Android (android.graphics.Color)	4293479786 (0xFFE94D6A)
YUV	126.9500, -10.3284, 93.0058
Hunter-Lab	48.6539, 57.4230, 14.3690

Details

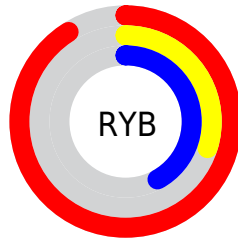
The YUV color **126.9500, -10.3284, 93.0058** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **183.0500, 10.3284, -93.0058**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8010, -7.7899, 72.0885**, and **57.8550, 0.5645, 99.2282** is the 20% darker color. If you saturate the color by 10%, you get **111.2830, -11.9715, 106.7458**, and if you desaturate by 10%, it is **142.6170, -8.6852, 79.2659**.

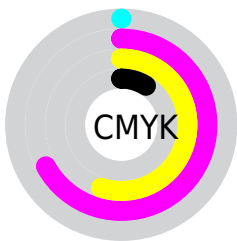
Distribution



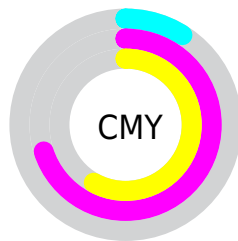
- Red (91%)
- Green (30%)
- Blue (42%)



- Red (91%)
- Yellow (30%)
- Blue (42%)



- Cyan (0%)
- Magenta (67%)
- Yellow (55%)
- Black (9%)



- Cyan (9%)
- Magenta (70%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 126.9500, -10.3284, 93.0058 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 126.9500, -10.3284, 93.0058 by changing the saturation by 10% instead.


 126.9500,
-10.3284, 93.0058


 126.9500,
-10.3284, 93.0058


255.0000, 0.0000,
0.0000


 96.7480, -7.2708,
92.3060


 172.8010, -7.7899,
72.0885

 57.8550, 0.5645,
99.2282


 192.9020, -4.3887,
54.4599


 46.4910, -4.1861,
82.8844


 213.0030, -0.9875,
36.8314

 35.2410, -8.4998,
66.4406

 233.3320, 3.2873,
19.0028

 24.3330, -11.5032,
49.6970

 252.6520, 1.1576,
2.0592

 16.0750, -6.9390,
32.3832

 0.2990, -0.1474,

0.6148

■ 0.0000, 0.0000,
0.0000

■ 126.9500,
-10.3284, 93.0058

■ 126.9500,
-10.3284, 93.0058

■ 111.2830,
-11.9715, 106.7458

■ 142.6170, -8.6852,
79.2659

■ 95.0290, -13.3253,
121.0006

■ 158.8710, -7.3314,
65.0111

■ 79.3620, -14.9685,
134.7405

■ 174.5380, -5.6882,
51.2712

■ 74.5690, -15.5635,
138.9440

■ 190.2050, -4.0451,
37.5312

■ 205.8720, -2.4019,
23.7913

■ 222.1260, -1.0481,
9.5365

■ 237.7930, 0.5951,
-4.2035

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



131.2080, 15.1805, 77.8706



126.9500, -10.3284, 93.0058



127.9780, -36.4712, 78.0723

Triad

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



126.9500, -10.3284, 93.0058



113.9460, -32.0184, -43.8026



113.8770, 63.1646, -99.8701

Complementary

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



126.9500, -10.3284, 93.0058



183.0500, 10.3284, -93.0058

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.



116.4410, 47.6036, -102.1188



126.9500, -10.3284, 93.0058



104.7160, 0.1400, -91.8359

Square

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



126.9500, -10.3284, 93.0058



121.6480, -59.9725, 9.0787



111.9150, 25.1849, -98.1495



125.4260, 57.4710, -46.8546

Rectangle

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



126.9500, -10.3284, 93.0058



127.5030, -52.9990, 59.1949



111.9150, 25.1849, -98.1495



115.5410, 59.3863, -101.3295

Sweetspot

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



126.9500, -10.3284, 93.0058



220.2750, -3.5866, 30.4538



132.1590, 49.7146, 61.2506



106.9530, -1.9488, 18.4582



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.



126.9500, -10.3284, 93.0058



116.3280, -13.4727, 121.6153



151.2330, -36.5969, 71.7097



109.5170, -0.7479, 6.5626



57.9950, -11.8295, 107.8754



17.2860, -3.5920, 32.1982

Inverse Universe

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



126.9500, -10.3284, 93.0058



116.3280, -13.4727, 121.6153



158.7670, 36.5969, -71.7097



109.5170, -0.7479, 6.5626



57.9950, -11.8295, 107.8754



17.2860, -3.5920, 32.1982

Previews

White Background



This preview shows how the YUV color 126.9500, -10.3284, 93.0058 looks on a white background.

Color Contrast Check

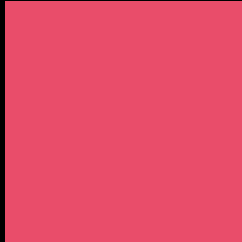
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.9500, -10.3284, 93.0058 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 126.9500, -10.3284, 93.0058

Background



This preview shows how black text looks on a background with the YUV color 126.9500, -10.3284, 93.0058.

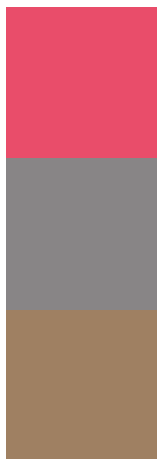


This preview shows how white text looks on a background with the YUV color 126.9500, -10.3284, 93.0058.

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

126.9500, -10.3284, 93.0058

Protanopia

134.0110, -0.0054, 1.7444

Deuteranopia

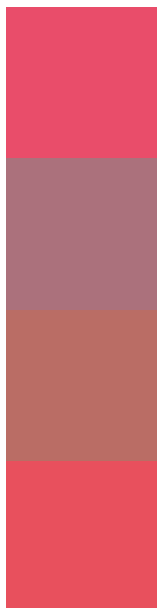
133.8490, -17.6736, 22.0574



Tritanopia

126.7190, -20.0745, 92.3314

Trichromacy



Original Color

126.9500, -10.3284, 93.0058

Protanomaly

131.5960, -3.7448, 34.5573

Deuteranomaly

131.1110, -14.8447, 48.1377

Tritanomaly

126.9300, -16.7275, 92.1464

Monochromacy



Original Color

126.9500, -10.3284, 93.0058

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.1830, -4.0342, 34.0425

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9500, -10.3284, 93.0058 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, 77, 106)` looks like.

```
.text, #text, p{  
    color:rgb(233, 77, 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, 77, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 77, 106) }
```

Border

The CSS property to change the border of an element to YUV 126.9500, -10.3284, 93.0058 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, 77, 106) }
```


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

```
.border{ border-color:rgb(233, 77, 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, 77, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 77, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 77, 106);  
box-shadow:4px 4px 4px 4px rgb(233, 77,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 126.9500, -10.3284, 93.0058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 77, 106) }
```

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

```
.background{ background-color: rgb(233, 77,  
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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