

# Converting Colors

YUV(125.3520, -10.0335,  
91.7763)

Have a look what the booklet for  
YUV(125.3520, -10.0335, 91.7763)  
contains.

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# Color

**YUV(125.3520, -10.0335,  
91.7763)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E64C69
RGB	230, 76, 105
RGB Percent	90%, 30%, 41%
CMY	0.0980, 0.7020, 0.5882
CMYK	0.00, 0.67, 0.54, 0.10
HSL	349°, 75%, 60%
HSV	349°, 67%, 90%
XYZ	37.7674, 23.0118, 15.8158
YIQ	125.3520, 82.4750, 41.6670

# Conversions

## Conversions Part 2

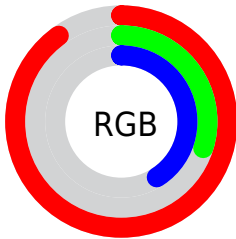
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 76, 105
Decimal	15092841
CIE <sub>Lab</sub>	55.08, 61.19, 17.43
CIE <sub>LCh</sub>	55, 63.624, 15.896
Yxy	23.0118, 0.4931, 0.3004
Android (android.graphics.Color)	4293282921 (0xFFE64C69)
YUV	125.3520, -10.0335, 91.7763
Hunter-Lab	47.9706, 56.5849, 14.0317

# Details

The YUV color **125.3520, -10.0335, 91.7763** 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 **180.6480, 10.0335, -91.7763**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1000, -7.9373, 72.7033**, and **56.8440, 0.5699, 97.4838** is the 20% darker color. If you saturate the color by 10%, you get **109.6850, -11.6767, 105.5163**, and if you desaturate by 10%, it is **141.0190, -8.3904, 78.0363**.

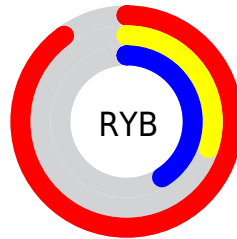
# Distribution



Red (90%)

Green (30%)

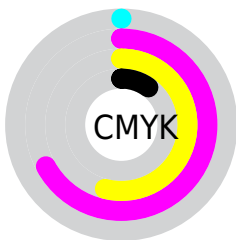
Blue (41%)



Red (90%)

Yellow (30%)

Blue (41%)

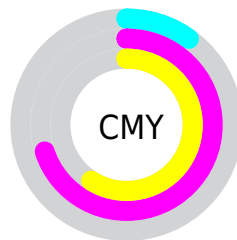


Cyan (0%)

Magenta (67%)

Yellow (54%)

Black (10%)



Cyan (10%)

Magenta (70%)


Yellow (59%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 125.3520, -10.0335, 91.7763 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 125.3520, -10.0335, 91.7763 by changing the saturation by 10% instead.




 125.3520,  
-10.0335, 91.7763


 125.3520,  
-10.0335, 91.7763


255.0000, 0.0000,  
0.0000


 95.1500, -6.9759,  
91.0765


 172.1000, -7.9373,  
72.7033


 56.8440, 0.5699,  
97.4838


 192.2010, -4.5361,  
55.0747


 45.4800, -4.1806,  
81.1400


 211.7150, -0.8455,  
37.9609

 34.2300, -8.4944,  
64.6963

 232.6310, 3.1399,  
19.6176

 23.7350, -11.2084,  
48.4674

 251.4780, 1.7363,  
3.0888

 15.1780, -6.4968,  
30.5389

 0.0000, 0.0000,

0.0000

■ 125.3520,  
-10.0335, 91.7763

■ 125.3520,  
-10.0335, 91.7763

■ 109.6850,  
-11.6767, 105.5163

■ 141.0190, -8.3904,  
78.0363

■ 94.1320, -12.8831,  
119.1562

■ 156.5720, -7.1840,  
64.3964

■ 78.4650, -14.5262,  
132.8962

■ 172.2390, -5.5408,  
50.6564

■ 73.6720, -15.1213,  
137.0997

■ 187.9060, -3.8977,  
36.9164

■ 203.4590, -2.6913,  
23.2765

■ 219.1260, -1.0481,  
9.5365

■ 234.7930, 0.5951,  
-4.2035

■ 247.4110, 3.2484,  
-15.2694

■ 247.5250, 3.6852,  
-15.3694

# Harmonies

## Analogous

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



129.4960, 15.0385, 76.7410



125.3520, -10.0335, 91.7763



126.7930, -35.8869, 77.3575

# Triad

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



125.3520, -10.0335, 91.7763



112.3590, -31.7290, -43.2878



112.9480, 62.1436, -99.0554

# Complementary

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



125.3520, -10.0335, 91.7763



180.6480, 10.0335, -91.7763

# 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.



114.9250, 46.8720, -100.7892



125.3520, -10.0335, 91.7763



103.3140, -0.1548, -90.6064

# Square

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



125.3520, -10.0335, 91.7763



120.1750, -59.2463, 9.4935



110.3990, 24.4533, -96.8199



123.3120, 57.0342, -46.7546



# Rectangle

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



125.3520, -10.0335, 91.7763



125.7310, -52.1254, 58.9949



110.3990, 24.4533, -96.8199



113.9110, 58.2179, -99.8999

# Sweetspot

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



125.3520, -10.0335, 91.7763



220.3890, -3.1498, 30.3538



130.3330, 49.1358, 60.2210



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.



125.3520, -10.0335, 91.7763



116.3280, -13.4727, 121.6153



149.0480, -36.0127, 70.9949



106.8160, -0.8953, 7.1774



57.3970, -11.5347, 106.6458



16.3890, -3.1498, 30.3538



# Inverse Universe

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



125.3520, -10.0335, 91.7763



116.3280, -13.4727, 121.6153



156.9520, 36.0127, -70.9949



106.8160, -0.8953, 7.1774



57.3970, -11.5347, 106.6458



16.3890, -3.1498, 30.3538



# Previews

## White Background



This preview shows how the YUV color 125.3520, -10.0335, 91.7763 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

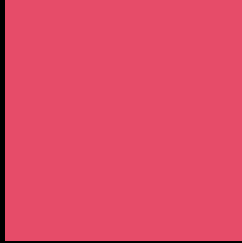
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 125.3520, -10.0335, 91.7763 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 125.3520, -10.0335, 91.7763

## Background



This preview shows how black text looks on a background with the YUV color 125.3520, -10.0335, 91.7763.



This preview shows how white text looks on a background with the YUV color 125.3520, -10.0335, 91.7763.

91.7763.

# 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

125.3520, -10.0335, 91.7763

### Protanopia

133.0110, -0.0054, 1.7444

### Deuteranopia

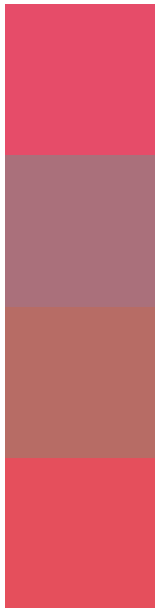
132.3650, -16.9419, 20.7279



## Tritanopia

125.1210, -19.7797, 91.1019

# Trichromacy



## Original Color

125.3520, -10.0335, 91.7763

## Protanomaly

130.5960, -3.7448, 34.5573

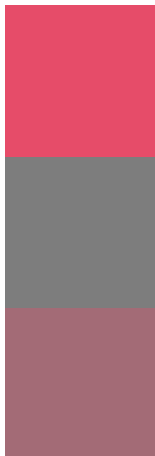
## Deuteranomaly

129.6270, -14.1131, 46.8081

## Tritanomaly

125.3320, -16.4327, 90.9168

# Monochromacy



## Original Color

125.3520, -10.0335, 91.7763

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

124.9980, -3.4500, 33.3278

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 125.3520, -10.0335, 91.7763 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(230, 76, 105)` looks like.

```
.text, #text, p{  
    color:rgb(230, 76, 105)  
}
```

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(230, 76, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 76, 105) }
```

## Border

The CSS property to change the border of an element to YUV 125.3520, -10.0335, 91.7763 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(230, 76, 105) }
```



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

```
.border{ border-color:rgb(230, 76, 105) }
```

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

Here you see how a box with a 4 pixel rgb(230, 76, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 76, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 76, 105);  
box-shadow:4px 4px 4px 4px rgb(230, 76,  
105) }
```

# Background

The CSS property to change the background color of an element to YUV 125.3520, -10.0335, 91.7763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 76, 105) }
```

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

```
.background{ background-color: rgb(230, 76,  
105) }
```

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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