

# Converting Colors

YUV(96.4510, 30.3437,  
114.4915)

Have a look what the booklet for  
YUV(96.4510, 30.3437, 114.4915)  
contains.

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# Color

**YUV(96.4510, 30.3437,  
114.4915)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E3129E
RGB	227, 18, 158
RGB Percent	89%, 7%, 62%
CMY	0.1098, 0.9294, 0.3804
CMYK	0.00, 0.92, 0.30, 0.11
HSL	320°, 85%, 48%
HSV	320°, 92%, 89%
XYZ	38.0664, 19.2321, 34.0536
YIQ	96.4510, 79.6240, 87.8480

# Conversions

## Conversions Part 2

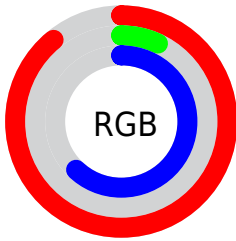
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 18, 158
Decimal	14881438
CIE <sub>Lab</sub>	50.96, 79.95, -20.31
CIE <sub>LCh</sub>	51, 82.486, 345.744
Yxy	19.2321, 0.4167, 0.2105
Android (android.graphics.Color)	4293071518 (0xFFE3129E)
YUV	96.4510, 30.3437, 114.4915
Hunter-Lab	43.8545, 78.1958, -15.3414

# Details

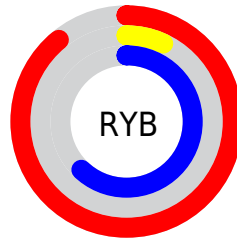
The YUV color **96.4510, 30.3437, 114.4915** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **148.5490, -30.3437, -114.4915**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6400, 26.7995, 84.5077**, and **61.7180, 21.8310, 91.4553** is the 20% darker color. If you saturate the color by 10%, you get **85.2010, 32.9319, 124.3577**, and if you desaturate by 10%, it is **110.7500, 26.7452, 101.9513**.

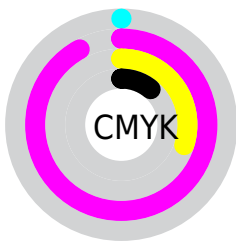
# Distribution



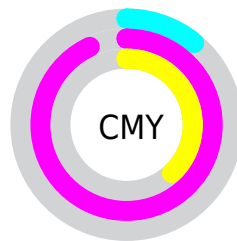
- Red (89%)
- Green (7%)
- Blue (62%)



- Red (89%)
- Yellow (7%)
- Blue (62%)



- Cyan (0%)
- Magenta (92%)
- Yellow (30%)
- Black (11%)




- Cyan (11%)
- Magenta (93%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 96.4510, 30.3437, 114.4915 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 96.4510, 30.3437, 114.4915 by changing the saturation by 10% instead.




 96.4510, 30.3437,  
114.4915


 96.4510, 30.3437,  
114.4915


255.0000, 0.0000,  
0.0000


 73.6520, 28.7656,  
107.2992


 158.6400, 26.7995,  
84.5077


 61.7180, 21.8310,  
91.4553

 180.0290, 30.0587,  
65.7496


 50.0120, 15.7701,  
75.4115


 199.2350, 27.4921,  
48.9059

 38.7190, 9.9985,  
59.8824

 216.8450, 18.8104,  
33.4619

 27.8390, 4.5164,  
44.8682

 234.4550, 10.1287,  
18.0180

 16.1330, -1.5446,  
28.8244

 252.6520, 1.1576,

 0.0000, 0.0000,

2.0592

0.0000

■ 96.4510, 30.3437,  
114.4915

■ 96.4510, 30.3437,  
114.4915

■ 85.2010, 32.9319,  
124.3577

■ 110.7500, 26.7452,  
101.9513

■ 124.5760, 23.8730,  
89.8258

■ 138.8750, 20.2746,  
77.2856

■ 153.2880, 17.1130,  
64.6454

■ 167.5870, 13.5146,  
52.1052

■ 181.4130, 10.6424,  
39.9798

■ 195.7120, 7.0440,  
27.4396

■ 210.1250, 3.8824,  
14.7994

■ 223.8370, 0.5734,  
2.7740

# Harmonies

## Analogous

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



122.0870, 48.7641, 39.3887



96.4510, 30.3437, 114.4915



82.0910, 2.9131, 139.3632

# Triad

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



96.4510, 30.3437, 114.4915



110.0970, -54.2778, 2.5459



112.7710, 53.8499, -98.9002

# Complementary

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



96.4510, 30.3437, 114.4915



148.5490, -30.3437, -114.4915

# 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.



106.6490, 25.3160, -93.5312



96.4510, 30.3437, 114.4915



83.9410, -41.3829, -73.6163

# Square

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



96.4510, 30.3437, 114.4915



114.5470, -56.4717, 53.0173



97.0390, -6.4282, -85.1032



111.2500, 70.8688, -97.5662



# Rectangle

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



96.4510, 30.3437, 114.4915



102.9080, -30.0276, 111.4597



97.0390, -6.4282, -85.1032



111.1920, 45.2613, -97.5154

# Sweetspot

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



96.4510, 30.3437, 114.4915



210.5870, 10.0636, 38.9502



61.5600, 81.5619, 19.6799



100.4620, 6.1812, 24.1508



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.



96.4510, 30.3437, 114.4915



95.7390, 37.1037, 139.6719



84.8230, -14.2097, 124.6892



107.5000, 1.7255, 6.5775



67.2010, 26.0299, 98.0477



19.1250, 7.3334, 27.9544



# Inverse Universe

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



96.4510, 30.3437, 114.4915



95.7390, 37.1037, 139.6719



160.1770, 14.2097, -124.6892



107.5000, 1.7255, 6.5775



67.2010, 26.0299, 98.0477



19.1250, 7.3334, 27.9544



# Previews

## White Background



This preview shows how the YUV color 96.4510, 30.3437, 114.4915 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

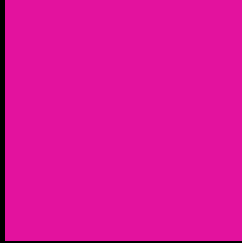
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 96.4510, 30.3437, 114.4915 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 96.4510, 30.3437, 114.4915

## Background



This preview shows how black text looks on a background with the YUV color 96.4510, 30.3437, 114.4915.



This preview shows how white text looks on a background with the YUV color 96.4510, 30.3437,



# 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

96.4510, 30.3437, 114.4915

### Protanopia

116.3190, 53.0867, -40.6218

### Deuteranopia

123.7900, 11.9355, -1.5698



## Tritanopia

111.2850, -21.8325, 96.2201

# Trichromacy



## Original Color

96.4510, 30.3437, 114.4915



## Protanomaly

108.9070, 44.9088, 15.8676



## Deuteranomaly

113.8890, 18.7887, 40.4393



## Tritanomaly

105.6660, -2.7933, 102.9019

# Monochromacy



## Original Color

96.4510, 30.3437, 114.4915



## Achromatopsia

96.0000, 0.0000, 0.0000



## Achromatomaly

96.5380, 11.0738, 41.6242

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.4510, 30.3437, 114.4915 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(227, 18, 158)` looks like.

```
.text, #text, p{  
    color:rgb(227, 18, 158)  
}
```

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(227, 18, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 18, 158) }
```

## Border

The CSS property to change the border of an element to YUV 96.4510, 30.3437, 114.4915 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".

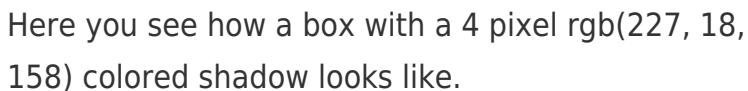
```
.border, #border, table{ border:4px solid rgb(227, 18, 158) }
```



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

```
.border{ border-color:rgb(227, 18, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 18, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 18, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 18, 158); box-shadow:4px 4px 4px 4px rgb(227, 18, 158) }
```

# Background

The CSS property to change the background color of an element to YUV 96.4510, 30.3437, 114.4915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 18, 158) }
```

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

```
.background{ background-color: rgb(227, 18,  
158) }
```

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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