

# Converting Colors

YUV(91.5010, 44.6160,  
110.0626)

Have a look what the booklet for  
YUV(91.5010, 44.6160, 110.0626)  
contains.

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# Color

**YUV(91.5010, 44.6160,  
110.0626)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | D90AB6                    |
| RGB           | 217, 10, 182              |
| RGB Percent   | 85%, 4%, 71%              |
| CMY           | 0.1490, 0.9608, 0.2863    |
| CMYK          | 0.00, 0.95, 0.16, 0.15    |
| HSL           | 310°, 91%, 45%            |
| HSV           | 310°, 95%, 85%            |
| XYZ           | 37.1673, 18.3462, 45.8382 |
| YIQ           | 91.5010, 68.1600, 97.3760 |

# Conversions

## Conversions Part 2

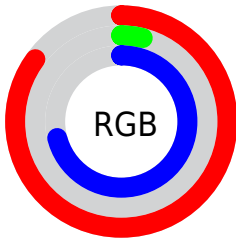
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 217, 10, 182                  |
| Decimal                             | 14224054                      |
| CIE <sub>Lab</sub>                  | 49.91, 81.52, -36.25          |
| CIE <sub>LCh</sub>                  | 50, 89.219, 336.027           |
| Yxy                                 | 18.3462, 0.3667,<br>0.1810    |
| Android<br>(android.graphics.Color) | 4292414134<br>(0xFFD90AB6)    |
| YUV                                 | 91.5010, 44.6160,<br>110.0626 |
| Hunter-Lab                          | 42.8325, 79.9343,<br>-33.4679 |

# Details

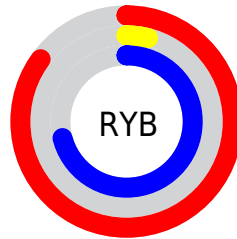
The YUV color **91.5010, 44.6160, 110.0626** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **135.4990, -44.6160, -110.0626**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7290, 38.5876, 83.5527**, and **61.6490, 33.2040, 83.6228** is the 20% darker color. If you saturate the color by 10%, you get **85.4030, 46.6363, 115.4106**, and if you desaturate by 10%, it is **104.8710, 39.9966, 98.3371**.

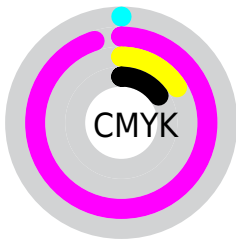
# Distribution



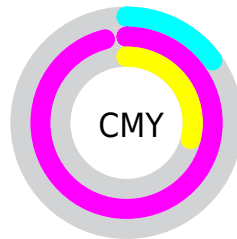
- Red (85%)
- Green (4%)
- Blue (71%)



- Red (85%)
- Yellow (4%)
- Blue (71%)



- Cyan (0%)
- Magenta (95%)
- Yellow (16%)
- Black (15%)




- Cyan (15%)
- Magenta (96%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 91.5010, 44.6160, 110.0626 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 91.5010, 44.6160, 110.0626 by changing the saturation by 10% instead.




 91.5010, 44.6160,  
110.0626


 91.5010, 44.6160,  
110.0626


255.0000, 0.0000,  
0.0000


 73.5830, 40.1386,  
99.4667


 159.7290, 38.5876,  
83.5527


 61.6490, 33.2040,  
83.6228


 179.8640, 37.0420,  
65.8943


 50.0140, 26.1221,  
68.3937

 197.4740, 28.3603,  
50.4503

 38.4930, 19.4770,  
53.0646

 215.6710, 19.3892,  
34.4915

 28.0970, 13.2632,  
39.3799

 233.2810, 10.7075,  
19.0476

 16.3200, 8.2232,  
22.5214

 250.8910, 2.0257,

 0.4560, 1.7472,

3.6036

-0.3999

■ 0.0000, 0.0000,  
0.0000

■ 91.5010, 44.6160,  
110.0626

■ 91.5010, 44.6160,  
110.0626

■ 85.4030, 46.6363,  
115.4106

■ 104.8710, 39.9966,  
98.3371

■ 117.5400, 35.2298,  
87.2264

■ 130.9100, 30.6104,  
75.5009

■ 144.2800, 25.9910,  
63.7754

■ 157.5360, 20.9348,  
52.1499

■ 170.3190, 16.6047,  
40.9392

■ 183.6890, 11.9853,  
29.2137

■ 196.9450, 6.9291,  
17.5882

■ 209.7280, 2.5991,  
6.3775

# Harmonies

## Analogous

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



118.9290, 61.6600, 9.7093



91.5010, 44.6160, 110.0626



85.7520, 10.4753, 140.5375

# Triad

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



91.5010, 44.6160, 110.0626



110.4950, -54.4740, 18.8599



111.0610, 47.2979, -97.4005

# Complementary

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



91.5010, 44.6160, 110.0626



135.4990, -44.6160, -110.0626

# 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.



102.6250, 14.9749, -90.0021



91.5010, 44.6160, 110.0626



92.3680, -45.5374, -47.6807

# Square

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



91.5010, 44.6160, 110.0626



110.2380, -54.3473, 71.7053



91.5160, -19.9744, -80.2595



113.0110, 70.0006, -99.1106



# Rectangle

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



91.5010, 44.6160, 110.0626



78.6710, -10.1908, 142.3625



91.5160, -19.9744, -80.2595



108.4390, 37.2516, -95.1010

# Sweetspot

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



91.5010, 44.6160, 110.0626



210.0800, 15.7366, 39.3948



43.7640, 85.4053, 0.2070



100.6730, 9.5282, 23.9658



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.



91.5010, 44.6160, 110.0626



100.4130, 55.0124, 135.5728



79.7590, -0.3742, 120.3604



103.3150, 2.3097, 5.8627



68.1430, 37.3975, 91.9596



18.0860, 9.8176, 24.4806



# Inverse Universe

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



91.5010, 44.6160, 110.0626



100.4130, 55.0124, 135.5728



147.2410, 0.3742, -120.3604



103.3150, 2.3097, 5.8627



68.1430, 37.3975, 91.9596



18.0860, 9.8176, 24.4806



# Previews

## White Background



This preview shows how the YUV color 91.5010, 44.6160, 110.0626 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

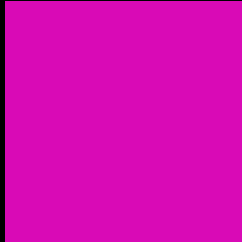
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 91.5010, 44.6160, 110.0626 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

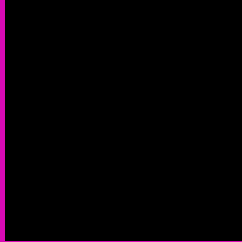
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 91.5010, 44.6160, 110.0626

## Background



This preview shows how black text looks on a background with the YUV color 91.5010, 44.6160, 110.0626.



This preview shows how white text looks on a background with the YUV color 91.5010, 44.6160,



# 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

91.5010, 44.6160, 110.0626

### Protanopia

96.1360, 73.8830, -84.3113

### Deuteranopia

119.5460, 25.3668, -16.2648



## Tritanopia

113.1200, -18.3002, 83.2098

# Trichromacy



## Original Color

91.5010, 44.6160, 110.0626



## Protanomaly

94.2420, 63.4777, -13.3672



## Deuteranomaly

109.0800, 32.4986, 29.7478



## Tritanomaly

104.9620, 4.9487, 92.9953

# Monochromacy



## Original Color

91.5010, 44.6160, 110.0626



## Achromatopsia

92.0000, 0.0000, 0.0000



## Achromatomaly

91.6070, 16.4627, 39.8097

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 91.5010, 44.6160, 110.0626 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(217, 10, 182)` looks like.

```
.text, #text, p{  
    color:rgb(217, 10, 182)  
}
```

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(217, 10, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 10, 182) }
```

## Border

The CSS property to change the border of an element to YUV 91.5010, 44.6160, 110.0626 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(217, 10, 182) }
```



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

```
.border{ border-color:rgb(217, 10, 182) }
```

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

Here you see how a box with a 4 pixel rgb(217, 10, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 10, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 10, 182);  
box-shadow:4px 4px 4px 4px rgb(217, 10,  
182) }
```

# Background

The CSS property to change the background color of an element to YUV 91.5010, 44.6160, 110.0626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 10, 182) }
```

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

```
.background{ background-color: rgb(217, 10,  
182) }
```

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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