

Converting Colors

YUV(90.9160, 58.7084,
116.7147)

Have a look what the booklet for
YUV(90.9160, 58.7084, 116.7147)
contains.

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Color

**YUV(90.9160, 58.7084,
116.7147)**

Conversions

Conversions Part 1

Format	Color
Hex	E000D2
RGB	224, 0, 210
RGB Percent	88%, 0%, 82%
CMY	0.1216, 1.0000, 0.1765
CMYK	0.00, 1.00, 0.06, 0.12
HSL	304°, 100%, 44%
HSV	304°, 100%, 88%
XYZ	42.3733, 20.5004, 62.6964
YIQ	90.9160, 66.0940, 112.7980

Conversions

Conversions Part 2

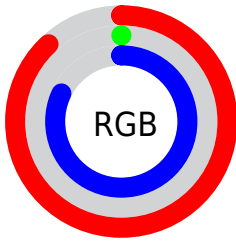
Format	Color
R_{YB}	224, 0, 210
Decimal	14680274
CIE _{Lab}	52.40, 87.14, -48.46
CIE _{LCh}	52, 99.711, 330.921
Yxy	20.5004, 0.3374, 0.1633
Android (android.graphics.Color)	4292870354 (0xFFE000D2)
YUV	90.9160, 58.7084, 116.7147
Hunter-Lab	45.2774, 87.8156, -50.4057

Details

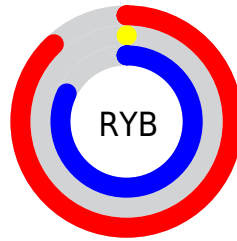
The YUV color **90.9160, 58.7084, 116.7147** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **133.0840, -58.7084, -116.7147**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2540, 45.7238, 81.3382**, and **66.7060, 43.5289, 85.3268** is the 20% darker color. If you saturate the color by 10%, you get **90.9160, 58.7084, 116.7147**, and if you desaturate by 10%, it is **103.9440, 52.7786, 105.2891**.

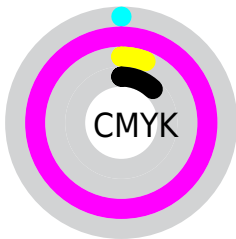
Distribution



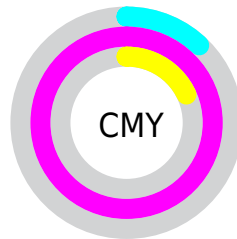
- Red (88%)
- Green (0%)
- Blue (82%)



- Red (88%)
- Yellow (0%)
- Blue (82%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (12%)





- Cyan (12%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.9160, 58.7084, 116.7147 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 90.9160, 58.7084, 116.7147 by changing the saturation by 10% instead.


 90.9160, 58.7084,
116.7147


 90.9160, 58.7084,
116.7147


255.0000, 0.0000,
0.0000


 78.7540, 50.9003,
101.0707


 162.2540, 45.7238,
81.3382


 66.7060, 43.5289,
85.3268


 181.0380, 36.4633,
64.8647

 54.6580, 36.1576,
69.5829


 198.6480, 27.7815,
49.4207

 43.0230, 29.0757,
54.3538

 216.8450, 18.8104,
33.4619

 31.9150, 22.7199,
39.5395

 234.4550, 10.1287,
18.0180

 20.5080, 16.5116,
24.1105

 252.6520, 1.1576,

 5.9260, 12.3615,

2.0592

1.8189

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 90.9160, 58.7084,
116.7147

■ 103.9440, 52.7786,
105.2891

■ 117.6730, 46.9962,
93.2488

■ 130.7010, 41.0664,
81.8232

■ 144.4300, 35.2840,
69.7829

■ 157.4580, 29.3542,
58.3573

■ 170.4860, 23.4244,
46.9318

■ 184.2150, 17.6420,
34.8914

■ 197.2430, 11.7122,
23.4659

■ 210.9720, 5.9298,
11.4256

Harmonies

Analogous

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



118.5670, 67.2615, -13.6523



90.9160, 58.7084, 116.7147



90.7230, 17.8846, 144.0709

Triad

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



90.9160, 58.7084, 116.7147



117.0510, -57.7061, 28.8963



117.5010, 46.5880, -103.0484

Complementary

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



90.9160, 58.7084, 116.7147



133.0840, -58.7084, -116.7147

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.



106.5230, 9.6022, -93.4207



90.9160, 58.7084, 116.7147



101.2720, -49.9271, -39.7035

Square

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



90.9160, 58.7084, 116.7147



113.0060, -55.7120, 89.4487



92.7750, -32.9201, -81.3637



119.4680, 66.8173, -104.7734

Rectangle

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



90.9160, 58.7084, 116.7147



84.3390, -6.5761, 149.6697



92.7750, -32.9201, -81.3637



114.4230, 34.7945, -100.3490

Sweetspot

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



90.9160, 58.7084, 116.7147



209.8180, 19.8097, 39.6246



28.8250, 96.2213, -15.6325



100.6560, 12.0016, 23.9807



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.



90.9160, 58.7084, 116.7147



103.4910, 66.8059, 132.8734



78.4900, 11.0974, 127.6123



105.4290, 2.7465, 5.7628



71.4340, 46.1280, 91.7044



19.4820, 12.5804, 25.0103

Inverse Universe

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



90.9160, 58.7084, 116.7147



103.4910, 66.8059, 132.8734



145.5100, -11.0974, -127.6123



105.4290, 2.7465, 5.7628



71.4340, 46.1280, 91.7044



19.4820, 12.5804, 25.0103

Previews

White Background



This preview shows how the YUV color 90.9160, 58.7084, 116.7147 looks on a white background.

Color Contrast Check

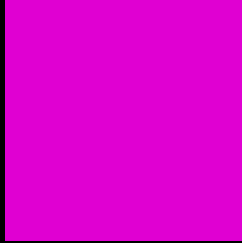
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.9160, 58.7084, 116.7147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

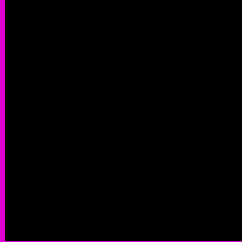
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 90.9160, 58.7084, 116.7147

Background



This preview shows how black text looks on a background with the YUV color 90.9160, 58.7084, 116.7147.

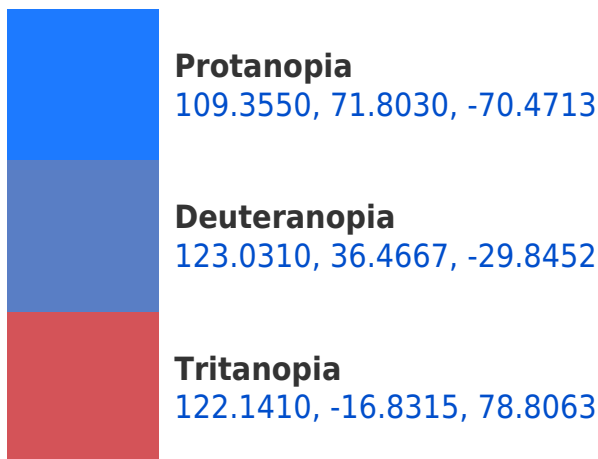


This preview shows how white text looks on a background with the YUV color 90.9160, 58.7084,

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



Trichromacy



Protanomaly

102.9320, 67.0815, -2.5714

Deuteranomaly

111.2500, 44.7398, 23.4597

Tritanomaly

110.7430, 10.4797, 92.3104

Monochromacy



Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.8830, 21.2567, 42.1986

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9160, 58.7084, 116.7147 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(224, 0, 210)` looks like.

```
.text, #text, p{  
    color:rgb(224, 0, 210)  
}
```

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(224, 0, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 0, 210) }
```

Border

The CSS property to change the border of an element to YUV 90.9160, 58.7084, 116.7147 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(224, 0, 210) }
```

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

```
.border{ border-color:rgb(224, 0, 210) }
```

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

Here you see how a box with a 4 pixel rgb(224, 0, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 0, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 0, 210);  
box-shadow:4px 4px 4px 4px rgb(224, 0,  
210) }
```


Background

The CSS property to change the background color of an element to YUV 90.9160, 58.7084, 116.7147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 0, 210) }
```

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

```
.background{ background-color: rgb(224, 0,  
210) }
```

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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