

Converting Colors

YUV(116.0050, 26.6195,
95.5886)

Have a look what the booklet for
YUV(116.0050, 26.6195, 95.5886)
contains.

YUV(116.0050, 26.6195, 95.5886)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(116.0050, 26.6195,
95.5886)**

Conversions

Conversions Part 1

Format	Color
Hex	E132AA
RGB	225, 50, 170
RGB Percent	88%, 20%, 67%
CMY	0.1176, 0.8039, 0.3333
CMYK	0.00, 0.78, 0.24, 0.12
HSL	319°, 74%, 54%
HSV	319°, 78%, 88%
XYZ	39.4476, 21.1910, 40.0414
YIQ	116.0050, 65.7800, 74.4200

Conversions

Conversions Part 2

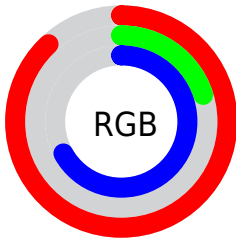
Format	Color
R _Y B	225, 50, 170
Decimal	14758570
CIE Lab	53.16, 74.87, -24.05
CIE LCh	53, 78.636, 342.190
Yxy	21.1910, 0.3918, 0.2105
Android (android.graphics.Color)	4292948650 (0xFFE132AA)
YUV	116.0050, 26.6195, 95.5886
Hunter-Lab	46.0337, 72.4028, -19.3484

Details

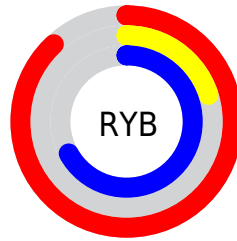
The YUV color **116.0050, 26.6195, 95.5886** is a light color, and the websafe version is hex **CC0099**. The color can be described as light washed rose. A complement of this color would be **158.9950, -26.6195, -95.5886**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.4000, 27.4108, 75.0712**, and **62.7870, 27.2200, 89.6408** is the 20% darker color. If you saturate the color by 10%, you get **101.7060, 30.2179, 108.1288**, and if you desaturate by 10%, it is **129.7170, 23.3105, 83.5632**.

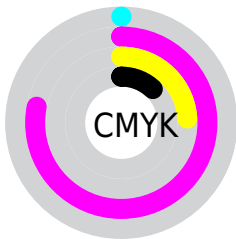
Distribution



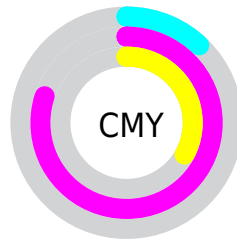
- Red (88%)
- Green (20%)
- Blue (67%)



- Red (88%)
- Yellow (20%)
- Blue (67%)



- Cyan (0%)
- Magenta (78%)
- Yellow (24%)
- Black (12%)



- Cyan (12%)
- Magenta (80%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.0050, 26.6195, 95.5886 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 116.0050, 26.6195, 95.5886 by changing the saturation by 10% instead.

116.0050, 26.6195,
95.5886

116.0050, 26.6195,
95.5886

255.0000, 0.0000,
0.0000

74.6070, 33.7177,
105.5847

169.4000, 27.4108,
75.0712

62.7870, 27.2200,
89.6408

189.7290, 31.6856,
57.2427

51.2660, 20.5749,
74.3117

207.4530, 23.4407,
41.6987

39.8590, 14.3665,
58.8827

224.4760, 15.0483,
26.7695

28.8650, 8.4476,
43.9684

242.0860, 6.3666,
11.3256

18.0990, 3.4022,
28.8542

1.7940, -0.8844,

3.6887

■ 0.0000, 0.0000,
0.0000

■ 116.0050, 26.6195,
95.5886

■ 116.0050, 26.6195,
95.5886

■ 101.7060, 30.2179,
108.1288

■ 129.7170, 23.3105,
83.5632

■ 87.9940, 33.5270,
120.1543


■ 144.0160, 19.7121,
71.0230

■ 84.8310, 34.1003,
122.9282


■ 157.7280, 16.4031,
58.9975

■ 172.0270, 12.8047,
46.4573

■ 185.7390, 9.4957,
34.4319

 200.0380, 5.8973,
21.8917

 213.7500, 2.5882,
9.8663

 228.1630, -0.5734,
-2.7740

 242.4620, -4.1718,
-15.3142

Harmonies

Analogous

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



129.6080, 48.5073, 28.4078



116.0050, 26.6195, 95.5886



103.7700, -0.3796, 122.1047

Triad

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



116.0050, 26.6195, 95.5886



116.6420, -57.5045, 10.8380



115.1360, 50.2190, -100.9743

Complementary

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



116.0050, 26.6195, 95.5886



158.9950, -26.6195, -95.5886

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.



109.1280, 22.1219, -95.7053



116.0050, 26.6195, 95.5886



98.5480, -48.5842, -50.4696

Square

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



116.0050, 26.6195, 95.5886



119.5970, -58.9613, 58.2354



99.2730, -8.0226, -87.0624



114.7720, 69.1324, -100.6550

Rectangle

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



116.0050, 26.6195, 95.5886



111.3360, -25.8016, 109.3303



99.2730, -8.0226, -87.0624



113.5570, 41.6304, -99.5895

Sweetspot

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



116.0050, 26.6195, 95.5886



218.3150, 9.2117, 32.1727



85.4980, 68.7745, 14.4723



105.5000, 5.1765, 19.7325



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.



116.0050, 26.6195, 95.5886



107.3310, 35.8258, 129.5057



106.3150, -10.5083, 104.0867



105.2010, 1.8729, 5.9627



66.4180, 26.9089, 96.1034



18.1140, 7.3388, 26.2100

Inverse Universe

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



116.0050, 26.6195, 95.5886



107.3310, 35.8258, 129.5057



168.6850, 10.5083, -104.0867



105.2010, 1.8729, 5.9627



66.4180, 26.9089, 96.1034



18.1140, 7.3388, 26.2100

Previews

White Background



This preview shows how the YUV color 116.0050, 26.6195, 95.5886 looks on a white background.

Color Contrast Check

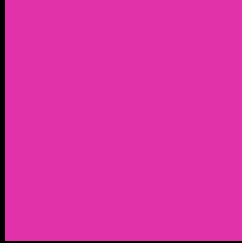
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.0050, 26.6195, 95.5886 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 116.0050, 26.6195, 95.5886

Background



This preview shows how black text looks on a background with the YUV color 116.0050, 26.6195, 95.5886.



This preview shows how white text looks on a background with the YUV color 116.0050, 26.6195,

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

116.0050, 26.6195, 95.5886

Protanopia

122.2870, 51.6235, -37.9627

Deuteranopia

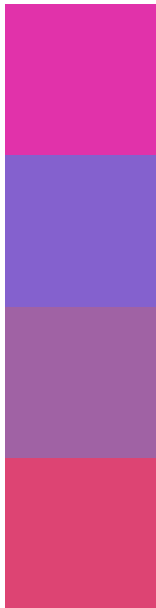
128.3920, 15.5827, -4.7288



Tritanopia

121.1310, -18.3056, 84.9541

Trichromacy



Original Color

116.0050, 26.6195, 95.5886

Protanomaly

119.8910, 42.4517, 10.6196

Deuteranomaly

124.0620, 19.6894, 31.5176

Tritanomaly

119.1050, -2.0238, 89.3619

Monochromacy



Original Color

116.0050, 26.6195, 95.5886

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1520, 9.7851, 34.9467

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.0050, 26.6195, 95.5886 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(225, 50, 170)` looks like.

```
.text, #text, p{  
    color:rgb(225, 50, 170)  
}
```

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(225, 50, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 50, 170) }
```

Border

The CSS property to change the border of an element to YUV 116.0050, 26.6195, 95.5886 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(225, 50, 170) }
```


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

```
.border{ border-color:rgb(225, 50, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 50, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 50, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 50, 170);  
box-shadow:4px 4px 4px 4px rgb(225, 50,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 116.0050, 26.6195, 95.5886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 50, 170) }
```

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

```
.background{ background-color: rgb(225, 50,  
170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor