

Converting Colors

YUV(89.5900, 2.6671, 124.8936)

Have a look what the booklet for
YUV(89.5900, 2.6671, 124.8936)
contains.

YUV(89.5900, 2.6671, 124.8936)	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(89.5900, 2.6671,
124.8936)**

Conversions

Conversions Part 1

Format	Color
Hex	E8105F
RGB	232, 16, 95
RGB Percent	91%, 6%, 37%
CMY	0.0902, 0.9373, 0.6275
CMYK	0.00, 0.93, 0.59, 0.09
HSL	338°, 87%, 49%
HSV	338°, 93%, 91%
XYZ	35.5296, 18.3526, 12.4963
YIQ	89.5900, 103.3770, 70.3610

Conversions

Conversions Part 2

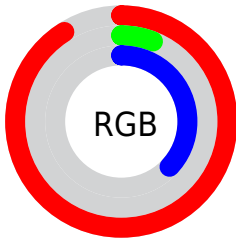
Format	Color
R_{YB}	232, 16, 95
Decimal	15208543
CIE Lab	49.92, 76.04, 16.46
CIE LCh	50, 77.800, 12.217
Yxy	18.3526, 0.5353, 0.2765
Android (android.graphics.Color)	4293398623 (0xFFE8105F)
YUV	89.5900, 2.6671, 124.8936
Hunter-Lab	42.8399, 73.0701, 12.6933

Details

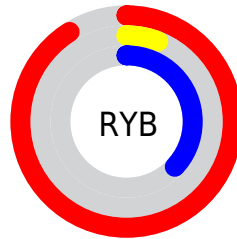
The YUV color **89.5900, 2.6671, 124.8936** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed red. A complement of this color would be **158.4100, -2.6671, -124.8936**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7140, -2.3240, 92.3358**, and **56.2310, -3.0719, 98.8984** is the 20% darker color. If you saturate the color by 10%, you get **79.0580, 2.9294, 134.1301**, and if you desaturate by 10%, it is **104.8010, 2.5631, 111.5535**.

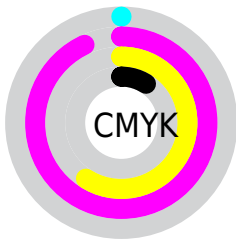
Distribution



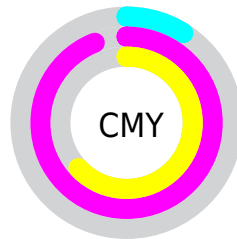
- Red (91%)
- Green (6%)
- Blue (37%)



- Red (91%)
- Yellow (6%)
- Blue (37%)



- Cyan (0%)
- Magenta (93%)
- Yellow (59%)
- Black (9%)




- Cyan (9%)
- Magenta (94%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5900, 2.6671, 124.8936 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 89.5900, 2.6671, 124.8936 by changing the saturation by 10% instead.


 89.5900, 2.6671,
124.8936

 89.5900, 2.6671,
124.8936


255.0000, 0.0000,
0.0000

 68.0080, 1.9681,
115.7570


 149.7140, -2.3240,
92.3358

 56.2310, -3.0719,
98.8984


 170.8750, 0.0616,
73.7776


 44.3830, -7.0908,
81.2251


 191.6770, 3.6102,
55.5343

 32.3350, -14.4622,
65.4812

 212.4790, 7.1589,
37.2909

 23.4790, -9.6031,
46.9379

 233.2810, 10.7075,
19.0476

 13.5690, -6.1965,
27.5650

 250.8910, 2.0257,

 0.0000, 0.0000,

3.6036

0.0000

■ 89.5900, 2.6671,
124.8936

■ 89.5900, 2.6671,
124.8936

■ 79.0580, 2.9294,
134.1301

■ 104.8010, 2.5631,
111.5535

■ 119.8980, 2.0223,
98.3135

■ 135.6960, 1.6289,
84.4586


■ 150.9070, 1.5248,
71.1186

■ 166.1180, 1.4208,
57.7785

■ 181.2150, 0.8800,
44.5384

 196.4260, 0.7760,
31.1984

 212.2240, 0.3826,
17.3436

 227.3210, -0.1583,
4.1035

Harmonies

Analogous

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



105.2330, 27.4931, 95.3887



89.5900, 2.6671, 124.8936



105.5720, -37.2570, 96.8454

Triad

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



89.5900, 2.6671, 124.8936



89.9760, -44.3582, -52.5990



108.4630, 67.8057, -95.1221

Complementary

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



89.5900, 2.6671, 124.8936



158.4100, -2.6671, -124.8936

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.



108.7130, 48.4555, -95.3413



89.5900, 2.6671, 124.8936



93.0780, -8.9125, -81.6294

Square

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



89.5900, 2.6671, 124.8936



108.6680, -53.5733, 9.9382



102.8190, 20.7952, -90.1723



97.7660, 75.0514, -85.7408

Rectangle

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



89.5900, 2.6671, 124.8936



109.9390, -54.1999, 71.0905



102.8190, 20.7952, -90.1723



109.7850, 62.7170, -96.2814

Sweetspot

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



89.5900, 2.6671, 124.8936



208.1930, 0.8909, 41.0497



81.5870, 74.1536, 62.6292



98.9800, 0.5029, 25.4505



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.



89.5900, 2.6671, 124.8936



86.8470, 3.0334, 147.4702



97.6070, -40.2323, 117.8627



107.0440, -0.0217, 6.9774



60.9310, 2.0060, 103.5465



17.4150, 0.7814, 29.4540

Inverse Universe

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



89.5900, 2.6671, 124.8936



86.8470, 3.0334, 147.4702



150.3930, 40.2323, -117.8627



107.0440, -0.0217, 6.9774



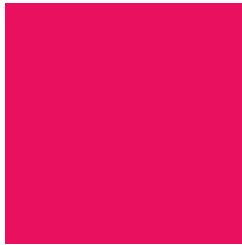
60.9310, 2.0060, 103.5465



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 89.5900, 2.6671, 124.8936 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 89.5900, 2.6671, 124.8936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

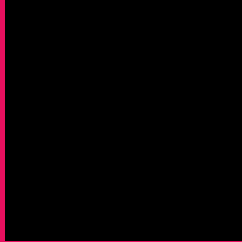
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 89.5900, 2.6671, 124.8936

Background



This preview shows how black text looks on a background with the YUV color 89.5900, 2.6671, 124.8936.



This preview shows how white text looks on a background with the YUV color 89.5900, 2.6671, 124.8936.

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

89.5900, 2.6671, 124.8936

Protanopia

120.5680, 8.5940, -3.1291

Deuteranopia

119.6530, -17.0839, 19.5983



Tritanopia

96.6960, -28.4441, 116.9076

Trichromacy



Original Color

89.5900, 2.6671, 124.8936



Protanomaly

109.5830, 6.1216, 43.3387



Deuteranomaly

108.8440, -9.7831, 58.0188



Tritanomaly

93.9920, -17.2511, 120.1560

Monochromacy



Original Color

89.5900, 2.6671, 124.8936



Achromatopsia

90.0000, 0.0000, 0.0000



Achromatomaly

89.9270, 1.0220, 45.6680

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5900, 2.6671, 124.8936 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(232, 16, 95)` looks like.

```
.text, #text, p{  
    color:rgb(232, 16, 95)  
}
```

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(232, 16, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 16, 95) }
```

Border

The CSS property to change the border of an element to YUV 89.5900, 2.6671, 124.8936 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(232, 16, 95) }
```


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

```
.border{ border-color:rgb(232, 16, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 16, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 16, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 16, 95);  
box-shadow:4px 4px 4px 4px rgb(232, 16,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 89.5900, 2.6671, 124.8936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 16, 95) }
```

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

```
.background{ background-color: rgb(232, 16,  
95) }
```

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