

Converting Colors

YUV(89.7090, 5.5665, 128.2972)

Have a look what the booklet for
YUV(89.7090, 5.5665, 128.2972)
contains.

YUV(89.7090, 5.5665, 128.2972)	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(89.7090, 5.5665,
128.2972)**

Conversions

Conversions Part 1

Format	Color
Hex	EC0D65
RGB	236, 13, 101
RGB Percent	93%, 5%, 40%
CMY	0.0745, 0.9490, 0.6039
CMYK	0.00, 0.94, 0.57, 0.07
HSL	336°, 90%, 49%
HSV	336°, 94%, 93%
XYZ	37.0850, 19.0603, 14.0363
YIQ	89.7090, 104.6600, 74.6440

Conversions

Conversions Part 2

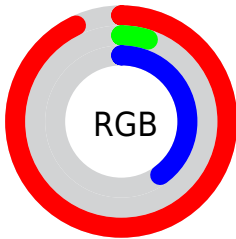
Format	Color
R_{YB}	236, 13, 101
Decimal	15469925
CIE _{Lab}	50.76, 77.61, 14.07
CIE _{LCh}	51, 78.878, 10.273
Yxy	19.0603, 0.5284, 0.2716
Android (android.graphics.Color)	4293660005 (0xFFEC0D65)
YUV	89.7090, 5.5665, 128.2972
Hunter-Lab	43.6581, 75.2234, 11.4986

Details

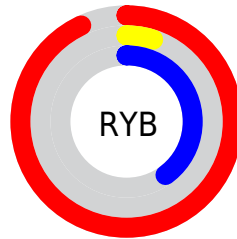
The YUV color **89.7090, 5.5665, 128.2972** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **159.2910, -5.5665, -128.2972**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3980, 0.2968, 91.7360**, and **57.9970, -1.4775, 100.8576** is the 20% darker color. If you saturate the color by 10%, you get **81.1660, 5.8342, 135.7894**, and if you desaturate by 10%, it is **105.3930, 4.7363, 114.5423**.

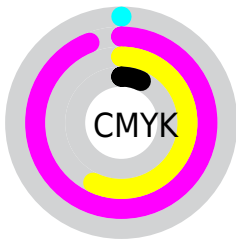
Distribution



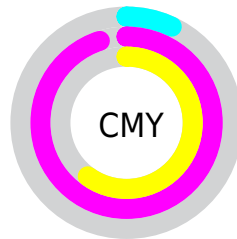
- Red (93%)
- Green (5%)
- Blue (40%)



- Red (93%)
- Yellow (5%)
- Blue (40%)



- Cyan (0%)
- Magenta (94%)
- Yellow (57%)
- Black (7%)




- Cyan (7%)
- Magenta (95%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7090, 5.5665, 128.2972 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 89.7090, 5.5665, 128.2972 by changing the saturation by 10% instead.


 89.7090, 5.5665,
128.2972

 89.7090, 5.5665,
128.2972


255.0000, 0.0000,
0.0000


 69.7740, 3.5624,
117.7162


 150.3980, 0.2968,
91.7360

 57.9970, -1.4775,
100.8576


 171.6730, 3.1192,
73.0778


 46.0350, -5.9333,
83.2843


 192.3610, 6.2310,
54.9344

 34.3720, -10.5364,
66.3258

 213.8640, 9.9270,
36.0763

 24.6750, -10.1928,
49.3970

 233.8680, 10.4181,
18.5328

 14.5800, -6.2019,
29.3093

 251.4780, 1.7363,

 0.0000, 0.0000,

3.0888

0.0000

■ 89.7090, 5.5665,
128.2972

■ 89.7090, 5.5665,
128.2972

■ 81.1660, 5.8342,
135.7894

■ 105.3930, 4.7363,
114.5423

■ 120.6040, 4.6322,
101.2023


■ 136.2880, 3.8020,
87.4474


■ 151.3850, 3.2612,
74.2074

■ 167.0690, 2.4310,
60.4525

■ 182.8670, 2.0376,
46.5976

 197.9640, 1.4967,
33.3576

 213.6480, 0.6665,
19.6027

 228.8590, 0.5625,
6.2627

Harmonies

Analogous

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



108.6780, 29.2457, 93.2444



89.7090, 5.5665, 128.2972



106.7620, -35.3787, 101.0637

Triad

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



89.7090, 5.5665, 128.2972



94.7380, -46.7058, -46.2512



111.1530, 67.9586, -97.4812

Complementary

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



89.7090, 5.5665, 128.2972



159.2910, -5.5665, -128.2972

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.



110.4740, 47.5873, -96.8857



89.7090, 5.5665, 128.2972



94.4970, -11.0910, -82.8739

Square

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



89.7090, 5.5665, 128.2972



111.0490, -54.7472, 13.1120



103.7650, 19.3429, -91.0019



100.6840, 76.0778, -88.2999

Rectangle

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



89.7090, 5.5665, 128.2972



111.1460, -54.7950, 75.2940



103.7650, 19.3429, -91.0019



111.6600, 62.2856, -97.9258

Sweetspot

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



89.7090, 5.5665, 128.2972



208.4210, 1.7644, 40.8498



78.4880, 77.6534, 60.0850



99.0940, 0.9397, 25.3506



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.



89.7090, 5.5665, 128.2972



87.7590, 6.5278, 146.6704



92.5910, -39.2384, 125.7697



109.7450, 0.1257, 6.3626



62.2130, 4.3320, 104.1762



18.5400, 1.2128, 31.0984

Inverse Universe

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



89.7090, 5.5665, 128.2972



87.7590, 6.5278, 146.6704



156.4090, 39.2384, -125.7697



109.7450, 0.1257, 6.3626



62.2130, 4.3320, 104.1762



18.5400, 1.2128, 31.0984

Previews

White Background



This preview shows how the YUV color 89.7090, 5.5665, 128.2972 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 89.7090, 5.5665, 128.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

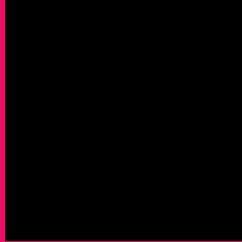
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 89.7090, 5.5665, 128.2972

Background



This preview shows how black text looks on a background with the YUV color 89.7090, 5.5665, 128.2972.

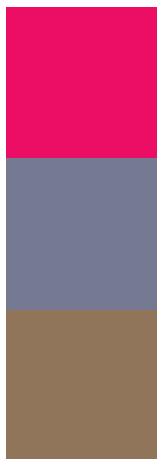


This preview shows how white text looks on a background with the YUV color 89.7090, 5.5665, 128.2972.

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

89.7090, 5.5665, 128.2972

Protanopia

122.6540, 11.5096, -4.9586

Deuteranopia

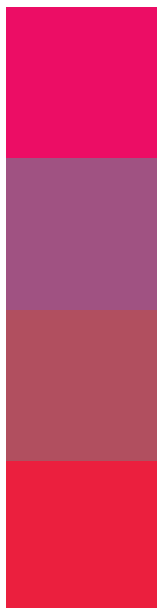
122.1090, -15.3367, 19.1984



Tritanopia

99.1800, -29.1757, 118.2371

Trichromacy



Original Color

89.7090, 5.5665, 128.2972

Protanomaly

110.7940, 9.4686, 43.1537

Deuteranomaly

110.1260, -7.4571, 58.6485

Tritanomaly

95.5300, -16.5303, 122.3152

Monochromacy



Original Color

89.7090, 5.5665, 128.2972

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8670, 2.0376, 46.5976

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7090, 5.5665, 128.2972 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(236, 13, 101)` looks like.

```
.text, #text, p{  
    color:rgb(236, 13, 101)  
}
```

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(236, 13, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 13, 101) }
```

Border

The CSS property to change the border of an element to YUV 89.7090, 5.5665, 128.2972 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(236, 13, 101) }
```


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

```
.border{ border-color:rgb(236, 13, 101) }
```

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

Here you see how a box with a 4 pixel rgb(236, 13, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 13, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 13, 101);  
box-shadow:4px 4px 4px 4px rgb(236, 13,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 89.7090, 5.5665, 128.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 13, 101) }
```

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

```
.background{ background-color: rgb(236, 13,  
101) }
```

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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