

Converting Colors

YUV(89.1010, 0.9362, 120.0604)

Have a look what the booklet for
YUV(89.1010, 0.9362, 120.0604)
contains.

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Color

**YUV(89.1010, 0.9362,
120.0604)**

Conversions

Conversions Part 1

Format	Color
Hex	E2135B
RGB	226, 19, 91
RGB Percent	89%, 7%, 36%
CMY	0.1137, 0.9255, 0.6431
CMYK	0.00, 0.92, 0.60, 0.11
HSL	339°, 84%, 48%
HSV	339°, 92%, 89%
XYZ	33.4852, 17.3898, 11.4892
YIQ	89.1010, 100.2600, 66.2760

Conversions

Conversions Part 2

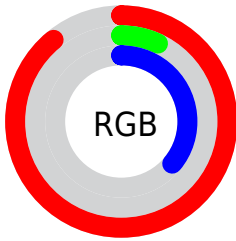
Format	Color
R_{YB}	226, 19, 91
Decimal	14816091
CIE Lab	48.75, 74.05, 17.12
CIE LCh	49, 76.006, 13.021
Yxy	17.3898, 0.5369, 0.2788
Android (android.graphics.Color)	4293006171 (0xFFE2135B)
YUV	89.1010, 0.9362, 120.0604
Hunter-Lab	41.7011, 70.3553, 12.8556

Details

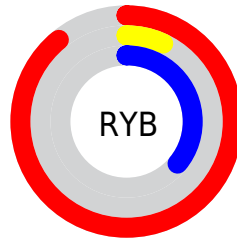
The YUV color **89.1010, 0.9362, 120.0604** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **155.8990, -0.9362, -120.0604**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2580, -4.0712, 92.7357**, and **53.9810, -3.9346, 95.6097** is the 20% darker color. If you saturate the color by 10%, you get **76.5800, 1.1931, 131.0413**, and if you desaturate by 10%, it is **104.3120, 0.8322, 106.7204**.

Distribution



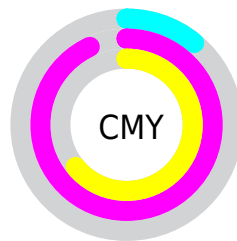
- Red (89%)
- Green (7%)
- Blue (36%)



- Red (89%)
- Yellow (7%)
- Blue (36%)



- Cyan (0%)
- Magenta (92%)
- Yellow (60%)
- Black (11%)





- Cyan (11%)
- Magenta (93%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.1010, 0.9362, 120.0604 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 89.1010, 0.9362, 120.0604 by changing the saturation by 10% instead.


 89.1010, 0.9362,
120.0604

 89.1010, 0.9362,
120.0604


255.0000, 0.0000,
0.0000

 65.7580, 1.1053,
112.4682


 149.2580, -4.0712,
92.7357

 53.9810, -3.9346,
95.6097


 169.8320, -1.3962,
74.6923

 42.4320, -8.1010,
78.5511


 190.5200, 1.7156,
56.5490

 30.4270, -14.0145,
61.8925

 211.3220, 5.2643,
38.3056

 21.9840, -8.8661,
43.8640

 231.5370, 9.1023,
20.5771

 11.7750, -5.3121,
23.8763

 250.3040, 2.3151,

 0.0000, 0.0000,

4.1184

0.0000

■ 89.1010, 0.9362,
120.0604

■ 89.1010, 0.9362,
120.0604

■ 76.5800, 1.1931,
131.0413

■ 104.3120, 0.8322,
106.7204

■ 118.8220, 0.5808,
93.9951


■ 134.0330, 0.4767,
80.6551


■ 148.6570, 0.6621,
67.8298

■ 163.8680, 0.5581,
54.4898

■ 178.9650, 0.0173,
41.2497

 193.5890, 0.2026,
28.4244

 208.8000, 0.0986,
15.0844

 223.4240, 0.2840,
2.2592

Harmonies

Analogous

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



102.7660, 25.7514, 94.0442



89.1010, 0.9362, 120.0604



103.4360, -37.6829, 93.4566

Triad

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



89.1010, 0.9362, 120.0604



86.7200, -42.7530, -54.1284



106.0180, 66.0531, -92.9778

Complementary

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



89.1010, 0.9362, 120.0604



155.8990, -0.9362, -120.0604

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.



106.4960, 47.5765, -93.3970



89.1010, 0.9362, 120.0604



91.3170, -8.0443, -80.0850

Square

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



89.1010, 0.9362, 120.0604



105.9990, -52.2575, 7.8939



100.2430, 21.0792, -87.9131



95.2070, 72.8619, -83.4965

Rectangle

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



89.1010, 0.9362, 120.0604



107.5580, -53.0261, 67.9166



100.2430, 21.0792, -87.9131



106.7530, 61.2538, -93.6224

Sweetspot

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



89.1010, 0.9362, 120.0604



209.3670, 0.3121, 40.0201



82.9630, 70.5172, 62.2994



100.8550, 0.0715, 23.8062



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.



89.1010, 0.9362, 120.0604



86.3910, 1.2862, 147.8701



99.0900, -39.4844, 111.3001



104.7450, 0.1257, 6.3626



59.5780, 0.7010, 102.1021



16.2900, 0.3500, 27.8097

Inverse Universe

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



89.1010, 0.9362, 120.0604



86.3910, 1.2862, 147.8701



145.9100, 39.4844, -111.3001



104.7450, 0.1257, 6.3626



59.5780, 0.7010, 102.1021



16.2900, 0.3500, 27.8097

Previews

White Background



This preview shows how the YUV color 89.1010, 0.9362, 120.0604 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 89.1010, 0.9362, 120.0604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

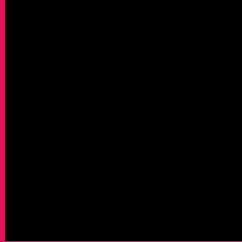
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.1010, 0.9362, 120.0604

Background



This preview shows how black text looks on a background with the YUV color 89.1010, 0.9362, 120.0604.



This preview shows how white text looks on a background with the YUV color 89.1010, 0.9362,

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

89.1010, 0.9362, 120.0604

Protanopia

117.4110, 6.6994, -2.1144

Deuteranopia

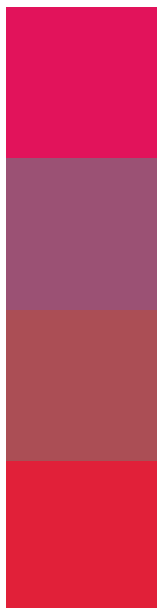
116.6530, -17.0839, 19.5983



Tritanopia

94.7880, -27.9965, 113.3189

Trichromacy



Original Color

89.1010, 0.9362, 120.0604

Protanomaly

107.1160, 4.3798, 41.9943

Deuteranomaly

106.6050, -10.6513, 56.4744

Tritanomaly

92.5570, -17.5296, 116.1525

Monochromacy



Original Color

89.1010, 0.9362, 120.0604

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.3890, 0.3012, 43.5088

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1010, 0.9362, 120.0604 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(226, 19, 91)` looks like.

```
.text, #text, p{  
    color:rgb(226, 19, 91)  
}
```

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(226, 19, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 19, 91) }
```

Border

The CSS property to change the border of an element to YUV 89.1010, 0.9362, 120.0604 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(226, 19, 91) }
```


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

```
.border{ border-color:rgb(226, 19, 91) }
```

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

Here you see how a box with a 4 pixel rgb(226, 19, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 19, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 19, 91);  
box-shadow:4px 4px 4px 4px rgb(226, 19,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 89.1010, 0.9362, 120.0604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 19, 91) }
```

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

```
.background{ background-color: rgb(226, 19,  
91) }
```

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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