

Converting Colors

YUV(93.3690, -5.6049,
118.0714)

Have a look what the booklet for
YUV(93.3690, -5.6049, 118.0714)
contains.

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Color

**YUV(93.3690, -5.6049,
118.0714)**

Conversions

Conversions Part 1

Format	Color
Hex	E41B52
RGB	228, 27, 82
RGB Percent	89%, 11%, 32%
CMY	0.1059, 0.8941, 0.6784
CMYK	0.00, 0.88, 0.64, 0.11
HSL	344°, 79%, 50%
HSV	344°, 88%, 89%
XYZ	33.9098, 17.8870, 9.6479
YIQ	93.3690, 102.1410, 59.7170

Conversions

Conversions Part 2

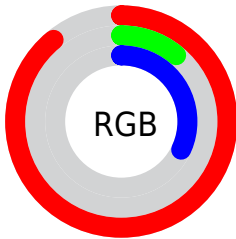
Format	Color
R_{YB}	228, 27, 82
Decimal	14949202
CIE _{Lab}	49.36, 72.90, 23.52
CIE _{LCh}	49, 76.604, 17.884
Yxy	17.8870, 0.5519, 0.2911
Android (android.graphics.Color)	4293139282 (0xFFE41B52)
YUV	93.3690, -5.6049, 118.0714
Hunter-Lab	42.2931, 69.1052, 16.0799

Details

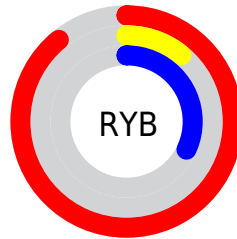
The YUV color **93.3690, -5.6049, 118.0714** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **161.6310, 5.6049, -118.0714**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.8790, -9.3073, 92.1911**, and **53.3680, -7.5764, 97.0243** is the 20% darker color. If you saturate the color by 10%, you get **77.9300, -6.3745, 131.6114**, and if you desaturate by 10%, it is **108.8080, -4.8353, 104.5314**.

Distribution



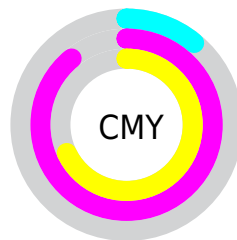
- Red (89%)
- Green (11%)
- Blue (32%)



- Red (89%)
- Yellow (11%)
- Blue (32%)



- Cyan (0%)
- Magenta (88%)
- Yellow (64%)
- Black (11%)





- Cyan (11%)
- Magenta (89%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.3690, -5.6049, 118.0714 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 93.3690, -5.6049, 118.0714 by changing the saturation by 10% instead.


 93.3690, -5.6049,
118.0714


 93.3690, -5.6049,
118.0714


255.0000, 0.0000,
0.0000


 65.3300, -3.1207,
114.5976


 149.8790, -9.3073,
92.1911

 53.3680, -7.5764,
97.0243


 170.4530, -6.6323,
74.1477


 41.9330, -11.3060,
79.8658

 191.1410, -3.5205,
56.0043

 30.6120, -14.5987,
62.6073

 211.2420, -0.1193,
38.3758

 22.2830, -9.0135,
44.4788

 232.1580, 3.8661,
20.0324

 12.0740, -5.4595,
24.4911

 251.4780, 1.7363,

 0.0000, 0.0000,

3.0888

0.0000

■ 93.3690, -5.6049,
118.0714

■ 93.3690, -5.6049,
118.0714

■ 77.9300, -6.3745,
131.6114

■ 108.8080, -4.8353,
104.5314

■ 75.2400, -6.5273,
133.9705


■ 124.1330, -4.5026,
91.0914


■ 138.9850, -3.4436,
78.0662


■ 154.3100, -3.1108,
64.6261

■ 169.7490, -2.3413,
51.0861

■ 185.0740, -2.0085,
37.6461

 200.5130, -1.2389,
24.1061

 215.2510, -0.6167,
11.1809

 230.6900, 0.1528,
-2.3591

Harmonies

Analogous

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



100.1370, 23.1035, 103.3659



93.3690, -5.6049, 118.0714



105.7530, -45.2342, 88.7936

Triad

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



93.3690, -5.6049, 118.0714



81.5760, -37.7520, -71.5422



106.1150, 68.9633, -93.0629

Complementary

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



93.3690, -5.6049, 118.0714



161.6310, 5.6049, -118.0714

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.



108.3370, 52.0919, -95.0115



93.3690, -5.6049, 118.0714



93.9730, -2.9447, -82.4143

Square

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



93.3690, -5.6049, 118.0714



105.6560, -52.0884, 0.3017



102.8990, 26.1788, -90.2424



93.4460, 73.7301, -81.9521

Rectangle

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



93.3690, -5.6049, 118.0714



109.5850, -54.0254, 61.7540



102.8990, 26.1788, -90.2424



107.6650, 64.7482, -94.4222

Sweetspot

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



93.3690, -5.6049, 118.0714



210.7860, -1.8665, 38.7757



92.9700, 66.5698, 68.4323



101.2140, -1.0915, 23.4913



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.



93.3690, -5.6049, 118.0714



84.2250, -7.0129, 149.7697



112.9270, -42.3620, 100.9190



106.9300, -0.4585, 7.0774



59.1070, -4.9828, 105.1462



16.8450, -1.4026, 29.9539

Inverse Universe

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



93.3690, -5.6049, 118.0714



84.2250, -7.0129, 149.7697



142.0730, 42.3620, -100.9190



106.9300, -0.4585, 7.0774



59.1070, -4.9828, 105.1462



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 93.3690, -5.6049, 118.0714 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 93.3690, -5.6049, 118.0714 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 93.3690, -5.6049, 118.0714

Background



This preview shows how black text looks on a background with the YUV color 93.3690, -5.6049, 118.0714.



This preview shows how white text looks on a background with the YUV color 93.3690, -5.6049,

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

93.3690, -5.6049, 118.0714

Protanopia

118.5980, -0.2948, 1.2296

Deuteranopia

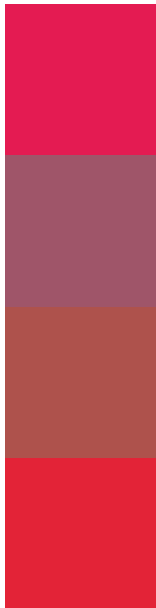
117.2960, -22.3309, 22.5424



Tritanopia

95.7990, -28.0019, 115.0633

Trichromacy



Original Color

93.3690, -5.6049, 118.0714

Protanomaly

109.4060, -2.1722, 43.4939

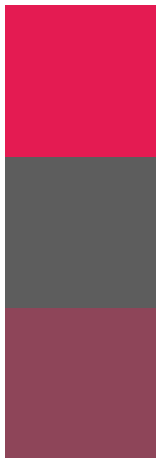
Deuteranomaly

108.8240, -16.1822, 57.1594

Tritanomaly

94.6880, -19.5662, 116.0376

Monochromacy



Original Color

93.3690, -5.6049, 118.0714

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.1070, -2.0248, 42.8792

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3690, -5.6049, 118.0714 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(228, 27, 82)` looks like.

```
.text, #text, p{  
    color:rgb(228, 27, 82)  
}
```

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(228, 27, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 27, 82) }
```

Border

The CSS property to change the border of an element to YUV 93.3690, -5.6049, 118.0714 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(228, 27, 82) }
```


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

```
.border{ border-color:rgb(228, 27, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 27, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 27, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 27, 82);  
box-shadow:4px 4px 4px 4px rgb(228, 27,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 93.3690, -5.6049, 118.0714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 27, 82) }
```

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

```
.background{ background-color: rgb(228, 27,  
82) }
```

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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