

Converting Colors

YUV(98.3470, -5.5941,
114.5827)

Have a look what the booklet for
YUV(98.3470, -5.5941, 114.5827)
contains.

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Color

**YUV(98.3470, -5.5941,
114.5827)**

Conversions

Conversions Part 1

Format	Color
Hex	E52257
RGB	229, 34, 87
RGB Percent	90%, 13%, 34%
CMY	0.1020, 0.8667, 0.6588
CMYK	0.00, 0.85, 0.62, 0.10
HSL	344°, 79%, 52%
HSV	344°, 85%, 90%
XYZ	34.6054, 18.4902, 10.7619
YIQ	98.3470, 99.2070, 57.8230

Conversions

Conversions Part 2

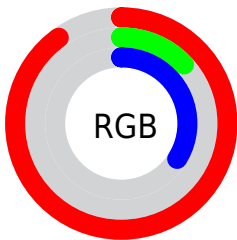
Format	Color
R_{YB}	229, 34, 87
Decimal	15016535
CIE _{Lab}	50.09, 72.18, 21.47
CIE _{LCh}	50, 75.305, 16.565
Yxy	18.4902, 0.5419, 0.2896
Android (android.graphics.Color)	4293206615 (0xFFE52257)
YUV	98.3470, -5.5941, 114.5827
Hunter-Lab	43.0002, 68.4016, 15.2614

Details

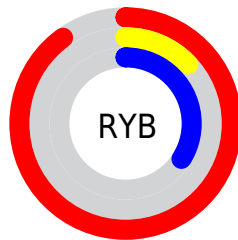
The YUV color **98.3470, -5.5941, 114.5827** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **164.6530, 5.5941, -114.5827**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2100, -7.9915, 90.1468**, and **54.5360, -5.6872, 97.7539** is the 20% darker color. If you saturate the color by 10%, you get **82.9080, -6.3636, 128.1227**, and if you desaturate by 10%, it is **113.7860, -4.8245, 101.0427**.

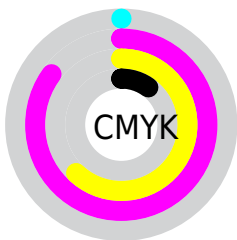
Distribution



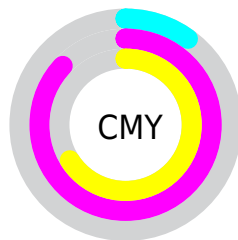
- Red (90%)
- Green (13%)
- Blue (34%)



- Red (90%)
- Yellow (13%)
- Blue (34%)



- Cyan (0%)
- Magenta (85%)
- Yellow (62%)
- Black (10%)





- Cyan (10%)
- Magenta (87%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.3470, -5.5941, 114.5827 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 98.3470, -5.5941, 114.5827 by changing the saturation by 10% instead.


 98.3470, -5.5941,
114.5827


 98.3470, -5.5941,
114.5827


255.0000, 0.0000,
0.0000

 66.1990, -1.0841,
114.7125


 152.2100, -7.9915,
90.1468

 54.5360, -5.6872,
97.7539


 172.8980, -4.8797,
72.0035


 42.6880, -9.7062,
80.0806


 193.5860, -1.7679,
53.8601

 31.2100, -14.8935,
63.8368

 213.6870, 1.6333,
36.2315

 22.8810, -9.3083,
45.7084

 234.6030, 5.6187,
17.8882

 12.6720, -5.7543,
25.7207

 253.2390, 0.8682,

 0.0000, 0.0000,

1.5444

0.0000

■ 98.3470, -5.5941,
114.5827

■ 98.3470, -5.5941,
114.5827

■ 82.9080, -6.3636,
128.1227

■ 113.7860, -4.8245,
101.0427

■ 75.5390, -6.6747,
134.5853


■ 129.1110, -4.4917,
87.6027

■ 144.5500, -3.7222,
74.0626

■ 159.9890, -2.9526,
60.5226

■ 174.7270, -2.3304,
47.5974

■ 190.1660, -1.5608,
34.0574

 205.6050, -0.7913,
20.5174

 220.9300, -0.4585,
7.0774

 236.3690, 0.3111,
-6.4626

Harmonies

Analogous

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



105.5770, 22.3935, 97.7180



98.3470, -5.5941, 114.5827



108.2630, -42.0347, 89.2233

Triad

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



98.3470, -5.5941, 114.5827



82.3910, -37.1678, -72.2569



107.1750, 67.9477, -93.9925

Complementary

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



98.3470, -5.5941, 114.5827



164.6530, 5.5941, -114.5827

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.



108.6960, 50.9289, -95.3264



98.3470, -5.5941, 114.5827



95.0330, -3.9603, -83.3439

Square

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



98.3470, -5.5941, 114.5827



108.0370, -53.2622, 3.4756



103.8450, 24.7264, -91.0721



95.3210, 73.2987, -83.5965

Rectangle

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



98.3470, -5.5941, 114.5827



111.3680, -54.9044, 63.6983



103.8450, 24.7264, -91.0721



108.7250, 63.7326, -95.3518

Sweetspot

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



98.3470, -5.5941, 114.5827



210.7860, -1.8665, 38.7757



98.0900, 64.5386, 66.5731



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.



98.3470, -5.5941, 114.5827



84.1110, -7.4497, 149.8697



116.9590, -40.8988, 98.2600



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.



98.3470, -5.5941, 114.5827



84.1110, -7.4497, 149.8697



146.0410, 40.8988, -98.2600



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 98.3470, -5.5941, 114.5827 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 98.3470, -5.5941, 114.5827 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 98.3470, -5.5941, 114.5827

Background



This preview shows how black text looks on a background with the YUV color 98.3470, -5.5941, 114.5827.



This preview shows how white text looks on a background with the YUV color 98.3470, -5.5941,

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

98.3470, -5.5941, 114.5827

Protanopia

120.0540, 1.4524, 0.8296

Deuteranopia

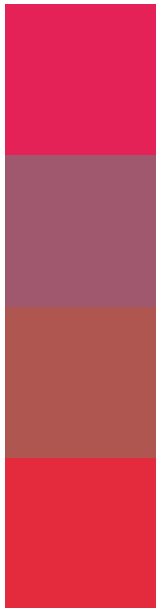
119.4530, -20.4363, 21.5277



Tritanopia

100.1190, -26.6807, 111.2746

Trichromacy



Original Color

98.3470, -5.5941, 114.5827

Protanomaly

112.0360, -1.0037, 42.0644

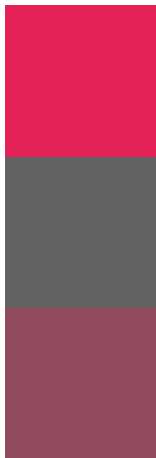
Deuteranomaly

112.0410, -15.3032, 55.2150

Tritanomaly

99.7800, -19.1185, 112.4489

Monochromacy



Original Color

98.3470, -5.5941, 114.5827

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.3950, -2.1667, 41.7496

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.3470, -5.5941, 114.5827 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(229, 34, 87)` looks like.

```
.text, #text, p{  
    color:rgb(229, 34, 87)  
}
```

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(229, 34, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 34, 87) }
```

Border

The CSS property to change the border of an element to YUV 98.3470, -5.5941, 114.5827 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(229, 34, 87) }
```


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

```
.border{ border-color:rgb(229, 34, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 34, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 34, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 34, 87);  
box-shadow:4px 4px 4px 4px rgb(229, 34,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 98.3470, -5.5941, 114.5827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 34, 87) }
```

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

```
.background{ background-color: rgb(229, 34,  
87) }
```

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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