

Converting Colors

YUV(98.4640, -29.8088,
134.6511)

Have a look what the booklet for
YUV(98.4640, -29.8088, 134.6511)
contains.

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Color

**YUV(98.4640, -29.8088,
134.6511)**

Conversions

Conversions Part 1

Format	Color
Hex	FC2026
RGB	252, 32, 38
RGB Percent	99%, 13%, 15%
CMY	0.0118, 0.8745, 0.8510
CMYK	0.00, 0.87, 0.85, 0.01
HSL	358°, 97%, 56%
HSV	358°, 87%, 99%
XYZ	41.0112, 21.8684, 3.8932
YIQ	98.4640, 129.1940, 48.5060

Conversions

Conversions Part 2

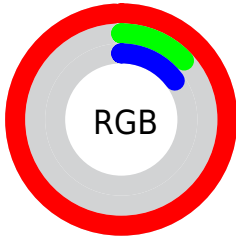
Format	Color
RYB	252, 32, 38
Decimal	16523302
CIELab	53.89, 76.59, 54.61
CIElCh	54, 94.062, 35.488
Yxy	21.8684, 0.6142, 0.3275
Android (android.graphics.Color)	4294713382 (0xFFFC2026)
YUV	98.4640, -29.8088, 134.6511
Hunter-Lab	46.7637, 74.7062, 27.7985

Details

The YUV color **98.4640, -29.8088, 134.6511** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **185.5360, 29.8088, -134.6511**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6840, -30.4102, 94.1161**, and **55.3150, -27.2703, 113.7337** is the 20% darker color. If you saturate the color by 10%, you get **80.9390, -33.4939, 150.0205**, and if you desaturate by 10%, it is **115.9890, -26.1236, 119.2816**.

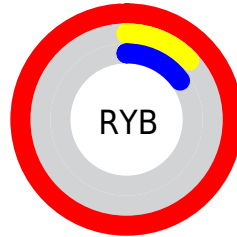
Distribution



Red (99%)

Green (13%)

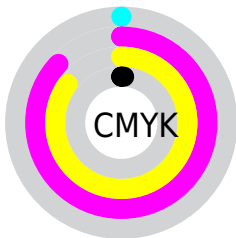
Blue (15%)



Red (99%)

Yellow (13%)

Blue (15%)

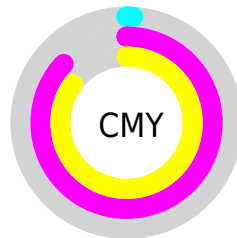


Cyan (0%)

Magenta (87%)

Yellow (85%)

Black (1%)



Cyan (1%)


Magenta (87%)


Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.4640, -29.8088, 134.6511 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 98.4640, -29.8088, 134.6511 by changing the saturation by 10% instead.


 98.4640, -29.8088,
134.6511


 98.4640, -29.8088,
134.6511


255.0000, 0.0000,
0.0000

 67.0770, -26.1670,
133.2365


 147.6840,
-30.4102, 94.1161

 55.3150, -27.2703,
113.7337


 168.7310,
-28.4614, 75.6579


 45.4480, -22.4059,
93.4461


 189.3050,
-25.7864, 57.6145

 35.9940, -17.2520,
73.6733

 209.9930,
-22.6745, 39.4711

 26.9530, -11.8088,
54.4152

 230.6810,
-19.5627, 21.3278

 17.5700, -7.6760,
35.4571

 250.8960,

 5.0830, -2.5059,

-15.7247, 3.5992

10.4512

254.2020, -3.0576,
0.6998

0.0000, 0.0000,
0.0000

98.4640, -29.8088,
134.6511

98.4640, -29.8088,
134.6511

80.9390, -33.4939,
150.0205

115.9890,
-26.1236, 119.2816

76.1460, -34.0890,
154.2240

133.4000,
-22.8752, 104.0122

151.5120,
-19.4794, 88.1280

168.9230,
-16.2310, 72.8585

186.4480,
-12.5459, 57.4891

■ 203.8590, -9.2975,
42.2197

■ 221.3840, -5.6123,
26.8502

■ 239.3820, -2.6533,
11.0660

■ 254.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



89.6970, 13.9534, 144.9707



98.4640, -29.8088, 134.6511



119.1310, -58.7316, 77.9381

Triad

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



98.4640, -29.8088, 134.6511



98.3150, -21.8473, -86.2223



108.9020, 72.0263, -95.5071

Complementary

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



98.4640, -29.8088, 134.6511



185.5360, 29.8088, -134.6511

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.



120.0550, 66.5279, -105.2882



98.4640, -29.8088, 134.6511



110.6950, 15.4334, -97.0795

Square

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



98.4640, -29.8088, 134.6511



101.2170, -49.9000, -48.4253



119.8150, 50.3772, -105.0778



127.8580, 62.6810, 8.8945

Rectangle

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



98.4640, -29.8088, 134.6511



121.5470, -59.9227, 39.8623



119.8150, 50.3772, -105.0778



113.5980, 69.7112, -99.6254

Sweetspot

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



98.4640, -29.8088, 134.6511



208.9620, -8.8553, 40.3753



120.7670, 64.6979, 108.9523



100.0740, -5.4595, 24.4911



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.



98.4640, -29.8088, 134.6511



77.0430, -34.5312, 156.0683



158.2410, -62.2368, 82.2266



116.0010, -1.4795, 7.8921



57.0810, -25.6759, 115.6930



18.4670, -8.1182, 37.3014

Inverse Universe

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



98.4640, -29.8088, 134.6511



77.0430, -34.5312, 156.0683



125.7590, 62.2368, -82.2266



116.0010, -1.4795, 7.8921



57.0810, -25.6759, 115.6930



18.4670, -8.1182, 37.3014

Previews

White Background



This preview shows how the YUV color 98.4640, -29.8088, 134.6511 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 98.4640, -29.8088, 134.6511 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 98.4640, -29.8088, 134.6511

Background



This preview shows how black text looks on a background with the YUV color 98.4640, -29.8088, 134.6511.



This preview shows how white text looks on a background with the YUV color 98.4640, -29.8088,

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

98.4640, -29.8088, 134.6511

Protanopia

126.0210, -32.0554, 14.8906

Deuteranopia

121.2370, -59.7698, 37.5032



Tritanopia

98.0250, -34.0293, 135.0361

Trichromacy



Original Color

98.4640, -29.8088, 134.6511

Protanomaly

115.9370, -31.0279, 58.8143

Deuteranomaly

113.0300, -48.8218, 72.7647

Tritanomaly

98.3670, -32.7189, 134.7361

Monochromacy



Original Color

98.4640, -29.8088, 134.6511

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1480, -10.9190, 48.9822

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4640, -29.8088, 134.6511 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(252, 32, 38)` looks like.

```
.text, #text, p{  
    color:rgb(252, 32, 38)  
}
```

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(252, 32, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 32, 38) }
```

Border

The CSS property to change the border of an element to YUV 98.4640, -29.8088, 134.6511 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(252, 32, 38) }
```


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

```
.border{ border-color:rgb(252, 32, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 32, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 32, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 32, 38);  
box-shadow:4px 4px 4px 4px rgb(252, 32,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 98.4640, -29.8088, 134.6511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 32, 38) }
```

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

```
.background{ background-color: rgb(252, 32,  
38) }
```

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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