

Converting Colors

YUV(98.8000, -46.2434,
132.6024)

Have a look what the booklet for
YUV(98.8000, -46.2434, 132.6024)
contains.

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Color

**YUV(98.8000, -46.2434,
132.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	FA2805
RGB	250, 40, 5
RGB Percent	98%, 16%, 2%
CMY	0.0196, 0.8431, 0.9804
CMYK	0.00, 0.84, 0.98, 0.02
HSL	9°, 96%, 50%
HSV	9°, 98%, 98%
XYZ	40.2105, 21.8525, 2.2422
YIQ	98.8000, 136.3950, 33.6350

Conversions

Conversions Part 2

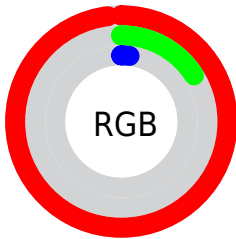
Format	Color
R_{YB}	250, 46, 5
Decimal	16394245
CIE _{Lab}	53.87, 74.19, 65.65
CIE _{LCh}	54, 99.061, 41.505
Yxy	21.8525, 0.6253, 0.3398
Android (android.graphics.Color)	4294584325 (0xFFFA2805)
YUV	98.8000, -46.2434, 132.6024
Hunter-Lab	46.7467, 71.7352, 29.8788

Details

The YUV color **98.8000, -46.2434, 132.6024** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **156.2000, 46.2434, -132.6024**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4100, -41.6141, 94.3564**, and **54.7170, -26.9755, 112.5042** is the 20% darker color. If you saturate the color by 10%, you get **95.8820, -47.2698, 135.1615**, and if you desaturate by 10%, it is **113.9770, -41.4007, 119.2922**.

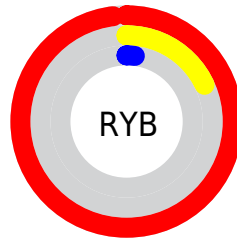
Distribution



Red (98%)

Green (16%)

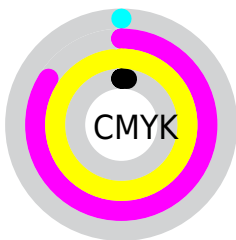
Blue (2%)



Red (98%)

Yellow (18%)

Blue (2%)

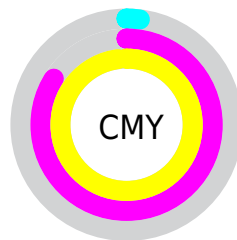


Cyan (0%)

Magenta (84%)

Yellow (98%)

Black (2%)



Cyan (2%)


Magenta (84%)


Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.8000, -46.2434, 132.6024 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 98.8000, -46.2434, 132.6024 by changing the saturation by 10% instead.


 98.8000, -46.2434,
132.6024


 98.8000, -46.2434,
132.6024


254.7720, -0.8736,
0.2000


 64.5840, -31.8399,
132.7918


 147.4100,
-41.6141, 94.3564

 54.7170, -26.9755,
112.5042


 167.8700,
-39.3759, 76.4130


 44.8500, -22.1110,
92.2166


 187.8570,
-36.4115, 58.8844

 35.2820, -17.3940,
72.5437

 208.5450,
-33.2997, 40.7410

 26.0560, -11.3666,
52.5709

 229.2330,
-30.1879, 22.5977


 16.9720, -7.3812,
34.2276

 248.2740,


 3.5880, -1.7689,


-25.7711, 5.8987


7.3773


 251.4660,
-13.5407, 3.0993


 0.0000, 0.0000,
0.0000

 98.8000, -46.2434,
132.6024


 98.8000, -46.2434,
132.6024


 95.8820, -47.2698,
135.1615

 113.9770,
-41.4007, 119.2922

 129.7410,
-36.8473, 105.4671

 144.9180,
-32.0046, 92.1569

 160.6820,
-27.4512, 78.3319

 175.8590,
-22.6085, 65.0217

■ 191.6230,
-18.0551, 51.1966

■ 206.8000,
-13.2124, 37.8864

■ 221.9770, -8.3697,
24.5762

■ 237.7410, -3.8163,
10.7511

Harmonies

Analogous

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



87.7590, 6.5278, 146.6704



98.8000, -46.2434, 132.6024



120.5490, -59.4307, 68.8015

Triad

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



98.8000, -46.2434, 132.6024



101.3130, -15.4373, -88.8515



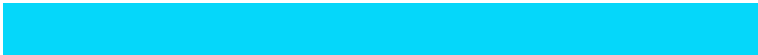
105.3800, 73.7627, -92.4183

Complementary

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



98.8000, -46.2434, 132.6024



156.2000, 46.2434, -132.6024

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.



119.4680, 66.8173, -104.7734



98.8000, -46.2434, 132.6024



113.4480, 23.4431, -99.4939

Square

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



98.8000, -46.2434, 132.6024



89.2240, -43.9874, -78.2494



122.6820, 58.8238, -107.5921



128.0120, 62.6051, 33.3155

Rectangle

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



98.8000, -46.2434, 132.6024



120.2960, -59.3059, 28.6814



122.6820, 58.8238, -107.5921



111.2500, 70.8688, -97.5662

Sweetspot

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



98.8000, -46.2434, 132.6024



209.5830, -14.0914, 39.8307



102.4230, 56.4865, 129.4250



99.9770, -8.3697, 24.5762



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.



98.8000, -46.2434, 132.6024



97.3770, -48.0069, 138.2354



169.2400, -80.9703, 70.8265



117.0610, -2.4951, 6.9625



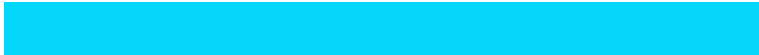
72.3600, -35.6735, 102.2933



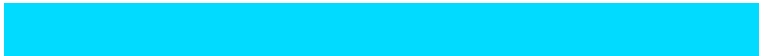
23.5220, -11.5963, 32.8682

Inverse Universe

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



156.2000, 46.2434, -132.6024



157.6230, 48.0069, -138.2354



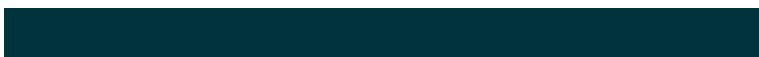
85.7600, 80.9703, -70.8265



119.9390, 2.4951, -6.9625



116.6400, 35.6735, -102.2933



37.4780, 11.5963, -32.8682

Previews

White Background



This preview shows how the YUV color 98.8000, -46.2434, 132.6024 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



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 98.8000, -46.2434, 132.6024

Background



This preview shows how black text looks on a background with the YUV color 98.8000, -46.2434, 132.6024.



This preview shows how white text looks on a background with the YUV color 98.8000, -46.2434,

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

98.8000, -46.2434, 132.6024

Protanopia

123.1990, -45.4541, 19.1195

Deuteranopia

120.9380, -59.6224, 36.8884



Tritanopia

101.0460, -32.5607, 130.6327

Trichromacy



Original Color

98.8000, -46.2434, 132.6024

Protanomaly

114.1640, -45.4369, 60.3692

Deuteranomaly

113.1240, -54.7841, 71.8053

Tritanomaly

100.3790, -37.6548, 131.2176

Monochromacy



Original Color

98.8000, -46.2434, 132.6024

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.2420, -16.8813, 48.0228

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.8000, -46.2434, 132.6024 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(250, 40, 5)` looks like.

```
.text, #text, p{  
    color:rgb(250, 40, 5)  
}
```

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(250, 40, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 40, 5) }
```

Border

The CSS property to change the border of an element to YUV 98.8000, -46.2434, 132.6024 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(250, 40, 5) }
```


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

```
.border{ border-color:rgb(250, 40, 5) }
```

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

Here you see how a box with a 4 pixel rgb(250, 40, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 40, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 40, 5);  
box-shadow:4px 4px 4px 4px rgb(250, 40, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 98.8000, -46.2434, 132.6024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 40, 5) }
```

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

```
.background{ background-color: rgb(250, 40,  
5) }
```

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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