

Converting Colors

YUV(100.2000, -46.4406,
102.4336)

Have a look what the booklet for
YUV(100.2000, -46.4406, 102.4336)
contains.

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Color

**YUV(100.2000, -46.4406,
102.4336)**

Conversions

Conversions Part 1

Format	Color
Hex	D93B06
RGB	217, 59, 6
RGB Percent	85%, 23%, 2%
CMY	0.1490, 0.7686, 0.9765
CMYK	0.00, 0.73, 0.97, 0.15
HSL	15°, 95%, 44%
HSV	15°, 97%, 85%
XYZ	30.2121, 17.8928, 2.0336
YIQ	100.2000, 111.1810, 17.0130

Conversions

Conversions Part 2

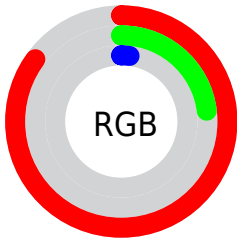
Format	Color
RYB	217, 77, 6
Decimal	14236422
CIELab	49.37, 59.48, 59.64
CIELCh	49, 84.230, 45.073
Yxy	17.8928, 0.6026, 0.3569
Android (android.graphics.Color)	4292426502 (0xFFD93B06)
YUV	100.2000, -46.4406, 102.4336
Hunter-Lab	42.2999, 53.4664, 26.7595

Details

The YUV color **100.2000, -46.4406, 102.4336** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **122.8000, 46.4406, -102.4336**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.4050, -44.0767, 90.8528**, and **45.7470, -22.5533, 94.0609** is the 20% darker color. If you saturate the color by 10%, you get **97.1680, -47.9038, 105.0927**, and if you desaturate by 10%, it is **112.1000, -41.4613, 91.9973**.

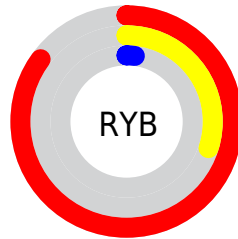
Distribution



Red (85%)

Green (23%)

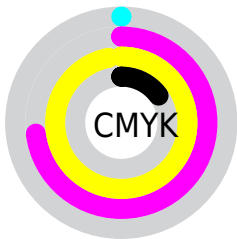
Blue (2%)



Red (85%)

Yellow (30%)

Blue (2%)

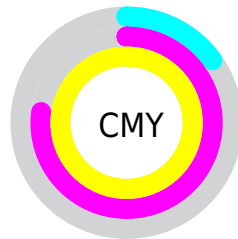


Cyan (0%)

Magenta (73%)

Yellow (97%)

Black (15%)



Cyan (15%)


Magenta (77%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.2000, -46.4406, 102.4336 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 100.2000, -46.4406, 102.4336 by changing the saturation by 10% instead.


 100.2000,
-46.4406, 102.4336


 100.2000,
-46.4406, 102.4336


254.6580, -1.3104,
0.2999


 69.4030, -34.2157,
101.3786


 151.4050,
-44.0767, 90.8528


 45.7470, -22.5533,
94.0609


 171.2780,
-41.5491, 73.4242

 36.1790, -17.8362,
74.3880


 190.6780,
-38.2953, 56.4104

 26.9100, -13.2666,
55.3299

 210.7790,
-34.8940, 38.7818

 19.1790, -7.9762,
38.4310

 230.8800,
-31.4928, 21.1532


 8.1870, -3.5432,
16.4990


 248.1600,


 0.0000, 0.0000,


-26.2079, 5.9987


0.0000

 251.3520,
-13.9775, 3.1993


 100.2000,
-46.4406, 102.4336

 100.2000,
-46.4406, 102.4336

 97.1680, -47.9038,
105.0927

 112.1000,
-41.4613, 91.9973

 123.8860,
-36.9188, 81.6610

 136.3730,
-32.2289, 70.7099

 148.2730,
-27.2496, 60.2736

 160.0590,
-22.7071, 49.9373

■ 171.9590,
-17.7278, 39.5010

■ 184.4460,
-13.0379, 28.5499

■ 196.3460, -8.0586,
18.1136

■ 208.1320, -3.5161,
7.7772

Harmonies

Analogous

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



80.8520, 2.0450, 137.8188



100.2000, -46.4406, 102.4336



110.7150, -54.5825, 53.7469

Triad

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



100.2000, -46.4406, 102.4336



93.4200, -7.6021, -81.9293



96.5750, 78.1035, -84.6963

Complementary

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



100.2000, -46.4406, 102.4336



122.8000, 46.4406, -102.4336

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.



108.9020, 72.0263, -95.5071



100.2000, -46.4406, 102.4336



103.7310, 24.2896, -90.9721

Square

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



100.2000, -46.4406, 102.4336



81.0060, -39.9360, -71.0423



109.9670, 53.2603, -96.4411



118.1300, 50.2219, 38.4740

Rectangle

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



100.2000, -46.4406, 102.4336



109.6200, -54.0427, 20.5043



109.9670, 53.2603, -96.4411



101.8580, 75.4990, -89.3295

Sweetspot

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



100.2000, -46.4406, 102.4336



214.2790, -16.4065, 35.7123



87.1010, 37.9112, 113.9214



102.9120, -9.8166, 22.0022



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.



100.2000, -46.4406, 102.4336



113.8130, -56.1098, 123.8210



161.8350, -76.8267, 48.3797



103.4630, -2.2003, 5.7329



77.5550, -38.2346, 83.7053



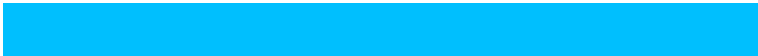
20.7980, -10.2534, 22.1022

Inverse Universe

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



122.8000, 46.4406, -102.4336



141.1870, 56.1098, -123.8210



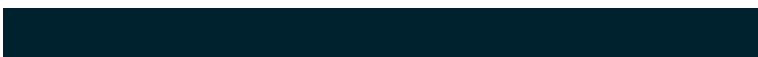
61.1650, 76.8267, -48.3797



104.9500, 2.4896, -5.2182



96.0320, 37.9452, -84.2201



25.2020, 10.2534, -22.1022

Previews

White Background



This preview shows how the YUV color 100.2000, -46.4406, 102.4336 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 100.2000, -46.4406, 102.4336 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 100.2000, -46.4406, 102.4336 Background



This preview shows how black text looks on a background with the YUV color 100.2000, -46.4406, 102.4336.



This preview shows how white text looks on a background with the YUV color 100.2000, -46.4406, 102.4336.

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

100.2000, -46.4406, 102.4336

Protanopia

111.8830, -42.8333, 18.5196

Deuteranopia

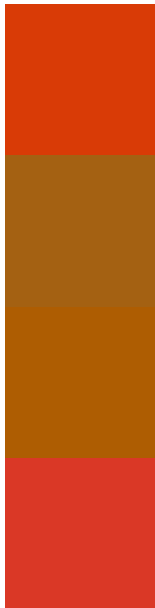
110.2950, -54.3754, 33.9443



Tritanopia

103.9650, -23.1537, 100.0087

Trichromacy



Original Color

100.2000, -46.4406, 102.4336

Protanomaly

108.0270, -44.3833, 49.0883

Deuteranomaly

106.8450, -51.6886, 58.8949

Tritanomaly

102.3860, -31.7423, 101.3935

Monochromacy



Original Color

100.2000, -46.4406, 102.4336

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1760, -16.8488, 37.5566

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.2000, -46.4406, 102.4336 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(217, 59, 6)` looks like.

```
.text, #text, p{  
    color:rgb(217, 59, 6)  
}
```

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(217, 59, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 59, 6) }
```

Border

The CSS property to change the border of an element to YUV 100.2000, -46.4406, 102.4336 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(217, 59, 6) }
```


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

```
.border{ border-color:rgb(217, 59, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 59, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 59, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 59, 6);  
box-shadow:4px 4px 4px 4px rgb(217, 59, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 100.2000, -46.4406, 102.4336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 59, 6) }
```

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

```
.background{ background-color: rgb(217, 59,  
6) }
```

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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