

Converting Colors

YUV(93.6260, -46.1576,
58.2100)

Have a look what the booklet for
YUV(93.6260, -46.1576, 58.2100)
contains.

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Color

**YUV(93.6260, -46.1576,
58.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	A04E00
RGB	160, 78, 0
RGB Percent	63%, 31%, 0%
CMY	0.3725, 0.6941, 1.0000
CMYK	0.00, 0.51, 1.00, 0.37
HSL	29°, 100%, 31%
HSV	29°, 100%, 63%
XYZ	17.2216, 12.9224, 1.5866
YIQ	93.6260, 73.9100, -6.8740

Conversions

Conversions Part 2

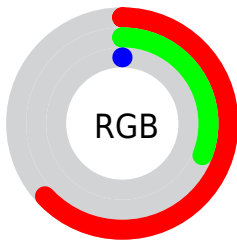
Format	Color
RYB	160, 152, 0
Decimal	10505728
CIELab	42.65, 30.15, 52.26
CIELCh	43, 60.335, 60.023
Yxy	12.9224, 0.5427, 0.4073
Android (android.graphics.Color)	4288695808 (0xFFA04E00)
YUV	93.6260, -46.1576, 58.2100
Hunter-Lab	35.9477, 22.6062, 22.5466

Details

The YUV color **93.6260, -46.1576, 58.2100** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **66.3740, 46.1576, -58.2100**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7130, -44.7215, 64.2727**, and **47.8090, -23.5698, 46.6485** is the 20% darker color. If you saturate the color by 10%, you get **93.6260, -46.1576, 58.2100**, and if you desaturate by 10%, it is **100.1460, -41.4840, 52.4920**.

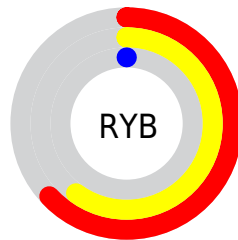
Distribution



Red (63%)

Green (31%)

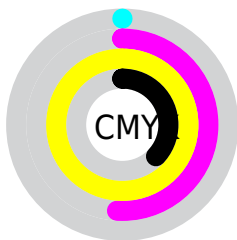
Blue (0%)



Red (63%)

Yellow (60%)

Blue (0%)

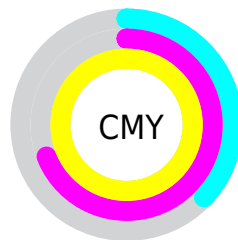


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (37%)



Cyan (37%)


Magenta (69%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.6260, -46.1576, 58.2100 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 93.6260, -46.1576, 58.2100 by changing the saturation by 10% instead.


 93.6260, -46.1576,
58.2100


 93.6260, -46.1576,
58.2100


 253.9740, -3.9312,
0.8998


 70.8670, -34.9374,
52.7366


 147.7130,
-44.7215, 64.2727


 47.8090, -23.5698,
46.6485

 175.6810,
-46.1847, 66.9318


 24.7620, -12.2077,
42.3047

 195.3910,
-43.0838, 52.2771

 14.0530, -6.9281,
28.8945


 214.7910,
-39.8300, 35.2633


 0.0000, 0.0000,
0.0000

 234.3050,
-36.1394, 18.1495

 247.4760,


-28.8287, 6.5985


 250.6680,
-16.5983, 3.7992

 93.6260, -46.1576,
58.2100

 100.1460,
-41.4840, 52.4920

 106.6660,
-36.8103, 46.7739

 113.7730,
-32.4261, 40.5411

 120.2930,
-27.7524, 34.8230

 126.8130,
-23.0788, 29.1050

■ 133.3330,
-18.4052, 23.3870

■ 139.8530,
-13.7315, 17.6689

■ 146.9600, -9.3473,
11.4361

■ 153.4800, -4.6736,
5.7180

Harmonies

Analogous

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



92.2830, -18.8735, 80.4358



93.6260, -46.1576, 58.2100



94.5910, -46.6334, 24.0377

Triad

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



93.6260, -46.1576, 58.2100



82.9000, 7.9373, -72.7033



100.9060, 42.9373, -5.1796

Complementary

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



93.6260, -46.1576, 58.2100



66.3740, 46.1576, -58.2100

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.



85.7230, 56.8316, -75.1791



93.6260, -46.1576, 58.2100



88.6000, 29.7772, -77.7022

Square

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



93.6260, -46.1576, 58.2100



75.2110, -13.9080, -65.9600



90.5840, 47.5331, -79.4422



100.5620, 24.8659, 51.2501

Rectangle

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



93.6260, -46.1576, 58.2100



90.6050, -44.6683, 0.3464



90.5840, 47.5331, -79.4422



94.4400, 49.5761, -34.5889

Sweetspot

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



93.6260, -46.1576, 58.2100



183.0340, -18.2578, 22.7722



57.3020, 12.6691, 90.0661



88.9280, -10.8105, 14.0951



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.6260, -46.1576, 58.2100



122.3650, -60.3259, 75.9789



139.9990, -69.0195, 17.5409



75.7400, -2.3368, 2.8590



83.8470, -41.3366, 51.8772



8.5940, -4.2368, 5.6181

Inverse Universe

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



66.3740, 46.1576, -58.2100



86.6350, 60.3259, -75.9789



20.0010, 69.0195, -17.5409



74.2600, 2.3368, -2.8590



59.1530, 41.3366, -51.8772



6.4060, 4.2368, -5.6181

Previews

White Background



This preview shows how the YUV color 93.6260, -46.1576, 58.2100 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 93.6260, -46.1576, 58.2100 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 93.6260, -46.1576, 58.2100

Background



This preview shows how black text looks on a background with the YUV color 93.6260, -46.1576, 58.2100.



This preview shows how white text looks on a background with the YUV color 93.6260, -46.1576,

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

93.6260, -46.1576, 58.2100

Protanopia

95.5560, -40.2071, 16.1754

Deuteranopia

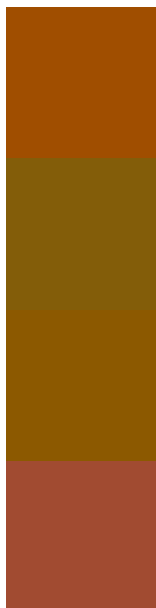
94.6240, -46.6496, 29.2708



Tritanopia

100.0670, -11.3720, 54.3152

Trichromacy



Original Color

93.6260, -46.1576, 58.2100

Protanomaly

94.7860, -42.2925, 31.7597

Deuteranomaly

94.1030, -46.3928, 40.2517

Tritanomaly

97.7500, -24.0337, 55.4703

Monochromacy



Original Color

93.6260, -46.1576, 58.2100

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7780, -16.6526, 21.2427

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.6260, -46.1576, 58.2100 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(160, 78, 0)` looks like.

```
.text, #text, p{  
    color:rgb(160, 78, 0)  
}
```

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(160, 78, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 78, 0) }
```

Border

The CSS property to change the border of an element to YUV 93.6260, -46.1576, 58.2100 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(160, 78, 0) }
```


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

```
.border{ border-color:rgb(160, 78, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 78, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 78, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 78, 0);  
box-shadow:4px 4px 4px 4px rgb(160, 78, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 93.6260, -46.1576, 58.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 78, 0) }
```

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

```
.background{ background-color: rgb(160, 78,  
0) }
```

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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