

Converting Colors

YUV(94.2020, -46.4416,
55.9508)

Have a look what the booklet for
YUV(94.2020, -46.4416, 55.9508)
contains.

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Color

**YUV(94.2020, -46.4416,
55.9508)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5000
RGB	158, 80, 0
RGB Percent	62%, 31%, 0%
CMY	0.3804, 0.6863, 1.0000
CMYK	0.00, 0.49, 1.00, 0.38
HSL	30°, 100%, 31%
HSV	30°, 100%, 62%
XYZ	16.9692, 13.0064, 1.6161
YIQ	94.2020, 72.1680, -8.3440

Conversions

Conversions Part 2

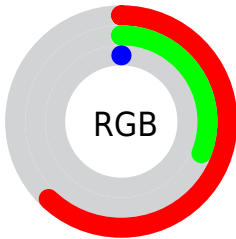
Format	Color
R_{YB}	154, 158, 0
Decimal	10375168
CIE _{Lab}	42.77, 28.21, 52.18
CIE _{LCh}	43, 59.319, 61.603
Y _{xy}	13.0064, 0.5371, 0.4117
Android (android.graphics.Color)	4288565248 (0xFF9E5000)
YUV	94.2020, -46.4416, 55.9508
Hunter-Lab	36.0644, 20.8760, 22.5882

Details

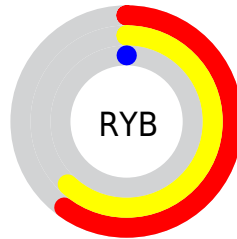
The YUV color **94.2020, -46.4416, 55.9508** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **63.7980, 46.4416, -55.9508**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9900, -44.8581, 61.3988**, and **49.2710, -24.2906, 44.4893** is the 20% darker color. If you saturate the color by 10%, you get **94.2020, -46.4416, 55.9508**, and if you desaturate by 10%, it is **100.7220, -41.7679, 50.2328**.

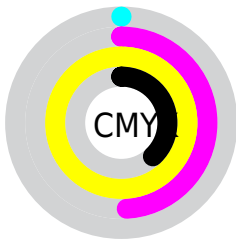
Distribution



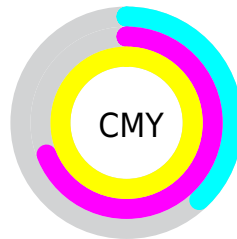
- Red (62%)
- Green (31%)
- Blue (0%)



- Red (60%)
- Yellow (62%)
- Blue (0%)



- Cyan (0%)
- Magenta (49%)
- Yellow (100%)
- Black (38%)



- Cyan (38%)
- Magenta (69%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.2020, -46.4416, 55.9508 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 94.2020, -46.4416, 55.9508 by changing the saturation by 10% instead.

94.2020, -46.4416,
55.9508

94.2020, -46.4416,
55.9508

253.9740, -3.9312,
0.8998

71.4430, -35.2214,
50.4775

147.9900,
-44.8581, 61.3988

49.2710, -24.2906,
44.4893

176.0720,
-45.8845, 63.9579

26.5120, -13.0704,
39.0160

196.5650,
-43.6625, 51.2475

13.7540, -6.7807,
28.2797


216.0790,
-39.9719, 34.1337


0.0000, 0.0000,
0.0000


235.5930,
-36.2813, 17.0199

247.4760,


-28.8287, 6.5985


 250.6680,
-16.5983, 3.7992


 94.2020, -46.4416,
55.9508

 100.7220,
-41.7679, 50.2328

 107.2420,
-37.0943, 44.5148

 113.0610,
-32.5681, 39.4115

 119.5810,
-27.8944, 33.6935

 126.1010,
-23.2208, 27.9754

■ 132.6210,
-18.5472, 22.2574

■ 139.1410,
-13.8735, 16.5393

■ 144.9600, -9.3473,
11.4361

■ 151.4800, -4.6736,
5.7180

Harmonies

Analogous

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



93.3320, -19.8837, 77.7618



94.2020, -46.4416, 55.9508



94.5800, -46.6279, 22.2933

Triad

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



94.2020, -46.4416, 55.9508



83.2420, 9.2477, -73.0032



102.3580, 40.7425, -1.1910

Complementary

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



94.2020, -46.4416, 55.9508



63.7980, 46.4416, -55.9508

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.



85.0220, 56.6842, -74.5643



94.2020, -46.4416, 55.9508



88.8280, 30.6508, -77.9022

Square

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



94.2020, -46.4416, 55.9508



76.2540, -12.4502, -66.8748



90.5840, 47.5331, -79.4422



100.8180, 23.2607, 52.7796

Rectangle

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



94.2020, -46.4416, 55.9508



90.5940, -44.6628, -1.3979



90.5840, 47.5331, -79.4422



96.6150, 47.5178, -27.7264

Sweetspot

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



94.2020, -46.4416, 55.9508



181.7350, -18.1104, 22.1574



56.2480, 11.2167, 89.2365



89.5150, -11.0999, 13.5803



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.



94.2020, -46.4416, 55.9508



123.5280, -60.8993, 73.2049



139.9880, -69.0141, 15.7965



75.7400, -2.3368, 2.8590



85.0210, -41.9154, 50.8476



9.1810, -4.5262, 5.1033

Inverse Universe

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



63.7980, 46.4416, -55.9508



83.4720, 60.8993, -73.2049



18.0120, 69.0141, -15.7965



74.2600, 2.3368, -2.8590



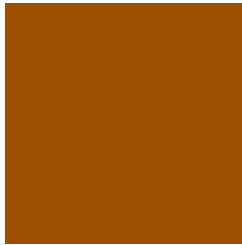
57.3920, 42.2047, -50.3328



6.4060, 4.2368, -5.6181

Previews

White Background



This preview shows how the YUV color 94.2020, -46.4416, 55.9508 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 94.2020, -46.4416, 55.9508 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 94.2020, -46.4416, 55.9508

Background



This preview shows how black text looks on a background with the YUV color 94.2020, -46.4416, 55.9508.



This preview shows how white text looks on a background with the YUV color 94.2020, -46.4416,

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



Protanopia

95.8550, -40.3545, 16.7902

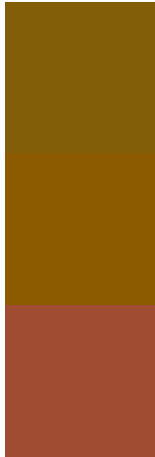
Deuteranopia

95.5100, -47.0864, 29.3707

Tritanopia

100.3980, -10.0562, 52.2710

Trichromacy



Protanomaly

95.3730, -42.5819, 31.2449

Deuteranomaly

95.2770, -46.9716, 39.2221

Tritanomaly

97.9670, -23.1547, 53.5259

Monochromacy



Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0660, -16.7945, 20.1131

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.2020, -46.4416, 55.9508 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(158, 80, 0)` looks like.

```
.text, #text, p{  
    color:rgb(158, 80, 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(158, 80, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 80, 0) }
```

Border

The CSS property to change the border of an element to YUV 94.2020, -46.4416, 55.9508 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(158, 80, 0) }
```

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

```
.border{ border-color:rgb(158, 80, 0) }
```

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

Here you see how a box with a 4 pixel rgb(158, 80, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 80, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 80, 0);  
box-shadow:4px 4px 4px 4px rgb(158, 80, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 94.2020, -46.4416, 55.9508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 80, 0) }
```

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

```
.background{ background-color: rgb(158, 80,  
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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