

Converting Colors

YUV(94.0340, -31.5688,
45.5742)

Have a look what the booklet for
YUV(94.0340, -31.5688, 45.5742)
contains.

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Color

**YUV(94.0340, -31.5688,
45.5742)**

Conversions

Conversions Part 1

Format	Color
Hex	92501E
RGB	146, 80, 30
RGB Percent	57%, 31%, 12%
CMY	0.4275, 0.6863, 0.8824
CMYK	0.00, 0.45, 0.79, 0.43
HSL	26°, 66%, 35%
HSV	26°, 79%, 57%
XYZ	14.9571, 11.9421, 2.7450
YIQ	94.0340, 55.3860, -1.5580

Conversions

Conversions Part 2

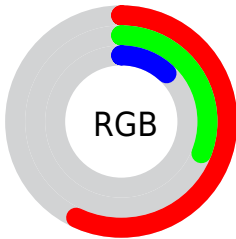
Format	Color
R_{YB}	146, 118, 30
Decimal	9588766
CIE _{Lab}	41.12, 23.72, 39.85
CIE _{LCh}	41, 46.371, 59.235
Yxy	11.9421, 0.5046, 0.4028
Android (android.graphics.Color)	4287778846 (0xFF92501E)
YUV	94.0340, -31.5688, 45.5742
Hunter-Lab	34.5573, 16.7831, 19.4805

Details

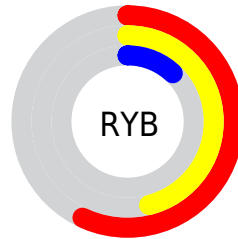
The YUV color **94.0340, -31.5688, 45.5742** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **81.9660, 31.5688, -45.5742**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1980, -33.6216, 50.6924**, and **46.8680, -23.1059, 37.8268** is the 20% darker color. If you saturate the color by 10%, you get **87.6280, -35.8056, 51.1922**, and if you desaturate by 10%, it is **100.4400, -27.3319, 39.9561**.

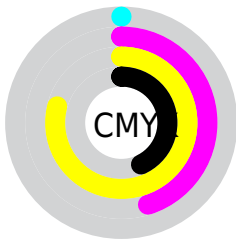
Distribution



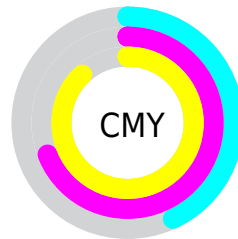
- Red (57%)
- Green (31%)
- Blue (12%)



- Red (57%)
- Yellow (46%)
- Blue (12%)



- Cyan (0%)
- Magenta (45%)
- Yellow (79%)
- Black (43%)





- Cyan (43%)
- Magenta (69%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.0340, -31.5688, 45.5742 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 94.0340, -31.5688, 45.5742 by changing the saturation by 10% instead.


 94.0340, -31.5688,
45.5742


 94.0340, -31.5688,
45.5742


255.0000, 0.0000,
0.0000

 68.7240, -31.4159,
43.2151


 146.1980,
-33.6216, 50.6924


 46.8680, -23.1059,
37.8268


 173.1660,
-35.0848, 53.3514


 24.9950, -12.3225,
32.4534

 198.2580,
-34.6372, 49.7627

 11.6610, -5.7489,
23.9763

 217.6580,
-31.3834, 32.7489

 0.0000, 0.0000,
0.0000

 237.2860,
-27.2560, 15.5352

 249.7560,

-20.0927, 4.5990

253.0620, -7.4256,
1.6996

94.0340, -31.5688,
45.5742

94.0340, -31.5688,
45.5742

87.6280, -35.8056,
51.1922

100.4400,
-27.3319, 39.9561

80.7490, -39.3163,
57.2251

107.3190,
-23.8213, 33.9232

80.6350, -39.7531,
57.3251

113.7250,
-19.5844, 28.3052

120.0170,
-15.7844, 22.7871

127.0100,
-11.8369, 16.6542

■ 133.4160, -7.6001,
11.0362

■ 139.7080, -3.8000,
5.5181

■ 146.1140, 0.4368,
-0.1000

■ 152.9930, 3.9475,
-6.1329

Harmonies

Analogous

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



93.9600, -15.7563, 60.5481



94.0340, -31.5688, 45.5742



91.6600, -41.2444, 22.2232

Triad

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



94.0340, -31.5688, 45.5742



78.3350, 8.2158, -68.6998



98.1700, 32.4542, -2.7801

Complementary

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



94.0340, -31.5688, 45.5742



81.9660, 31.5688, -45.5742

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.



79.5960, 46.0482, -69.8057



94.0340, -31.5688, 45.5742



82.6670, 24.8142, -72.4990

Square

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



94.0340, -31.5688, 45.5742



76.6130, -10.1622, -54.0346



83.6250, 38.6389, -73.3391



99.0520, 18.2154, 37.6654

Rectangle

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



94.0340, -31.5688, 45.5742



89.2770, -37.1116, 3.2651



83.6250, 38.6389, -73.3391



94.7870, 36.5870, -21.7382

Sweetspot

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



94.0340, -31.5688, 45.5742



168.4940, -12.5685, 17.9838



72.4360, 12.6031, 64.5156



82.1170, -7.4527, 10.4214



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



94.0340, -31.5688, 45.5742



108.6060, -49.1058, 70.5055



126.9060, -47.7747, 16.7454



70.8540, -1.9000, 2.7590



75.8950, -37.4162, 54.4661



5.3380, -2.6316, 4.0886

Inverse Universe

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



81.9660, 31.5688, -45.5742



89.3940, 49.1058, -70.5055



49.0940, 47.7747, -16.7454



70.1460, 1.9000, -2.7590



61.5180, 37.7056, -53.9513



4.6620, 2.6316, -4.0886

Previews

White Background



This preview shows how the YUV color 94.0340, -31.5688, 45.5742 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 94.0340, -31.5688, 45.5742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

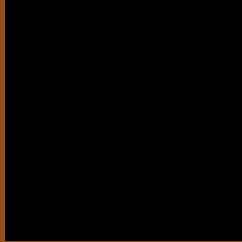
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.0340, -31.5688, 45.5742

Background



This preview shows how black text looks on a background with the YUV color 94.0340, -31.5688, 45.5742.



This preview shows how white text looks on a background with the YUV color 94.0340, -31.5688,

45.5742.

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

94.0340, -31.5688, 45.5742

Protanopia

94.1070, -29.1398, 13.0612

Deuteranopia

94.2180, -34.1245, 25.2418



Tritanopia

97.3970, -8.5767, 44.3788

Trichromacy



Original Color

94.0340, -31.5688, 45.5742

Protanomaly

93.6570, -29.9039, 24.8568

Deuteranomaly

93.9030, -32.9832, 32.5341

Tritanomaly

96.2200, -16.8705, 44.5341

Monochromacy



Original Color

94.0340, -31.5688, 45.5742

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1240, -11.4001, 16.5543

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.0340, -31.5688, 45.5742 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(146, 80, 30)` looks like.

```
.text, #text, p{  
    color:rgb(146, 80, 30)  
}
```

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(146, 80, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 80, 30) }
```

Border

The CSS property to change the border of an element to YUV 94.0340, -31.5688, 45.5742 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(146, 80, 30) }
```


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

```
.border{ border-color:rgb(146, 80, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 80, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 80, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 80, 30);  
box-shadow:4px 4px 4px 4px rgb(146, 80,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 94.0340, -31.5688, 45.5742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 80, 30) }
```

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

```
.background{ background-color: rgb(146, 80,  
30) }
```

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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