

Converting Colors

YUV(116.9160, 0.5344,
-31.4983)

Have a look what the booklet for
YUV(116.9160, 0.5344, -31.4983)
contains.

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Color

**YUV(116.9160, 0.5344,
-31.4983)**

Conversions

Conversions Part 1

Format	Color
Hex	518776
RGB	81, 135, 118
RGB Percent	32%, 53%, 46%
CMY	0.6824, 0.4706, 0.5373
CMYK	0.40, 0.00, 0.13, 0.47
HSL	161°, 25%, 42%
HSV	161°, 40%, 53%
XYZ	15.3273, 20.3853, 20.2665
YIQ	116.9160, -26.7270, -16.7350

Conversions

Conversions Part 2

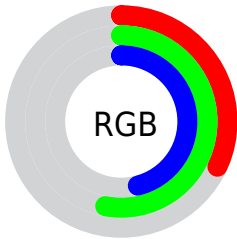
Format	Color
RYB	81, 113, 135
Decimal	5343094
CIELab	52.27, -22.11, 3.51
CIElCh	52, 22.392, 170.969
Yxy	20.3853, 0.2738, 0.3642
Android (android.graphics.Color)	4283533174 (0xFF518776)
YUV	116.9160, 0.5344, -31.4983
Hunter-Lab	45.1501, -18.4163, 4.9916

Details

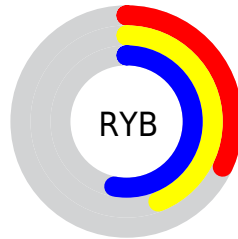
The YUV color **116.9160, 0.5344, -31.4983** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **99.0840, -0.5344, 31.4983**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0900, -0.0444, -32.5279**, and **66.8450, 1.5554, -32.3131** is the 20% darker color. If you saturate the color by 10%, you get **112.5730, 0.7035, -39.0905**, and if you desaturate by 10%, it is **121.2590, 0.3653, -23.9061**.

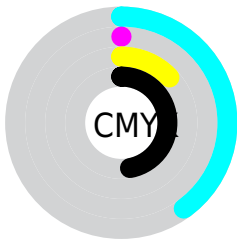
Distribution



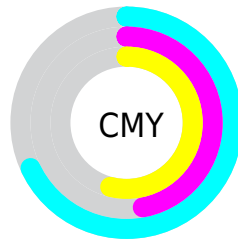
- Red (32%)
- Green (53%)
- Blue (46%)



- Red (32%)
- Yellow (44%)
- Blue (53%)



- Cyan (40%)
- Magenta (0%)
- Yellow (13%)
- Black (47%)



- Cyan (68%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.9160, 0.5344, -31.4983 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 116.9160, 0.5344, -31.4983 by changing the saturation by 10% instead.

■ 116.9160, 0.5344,
-31.4983

■ 116.9160, 0.5344,
-31.4983

■ 255.0000, 0.0000,
0.0000

■ 91.3290, 0.8238,
-30.9835

■ 170.0900, -0.0444,
-32.5279

■ 66.8450, 1.5554,
-32.3131

■ 197.0900, -0.0444,
-32.5279

■ 41.1650, 2.8767,
-36.1017

■ 225.3780, -0.1864,
-33.6575

■ 25.9710, 0.5073,
-22.7766

■ 242.9260, 5.4595,
-24.4911

■ 8.8050, -4.3409,
-7.7220

■ 251.7110, 1.6215,
-6.7625

■ 0.0000, 0.0000,
0.0000

■ 116.9160, 0.5344,
-31.4983

■ 116.9160, 0.5344,
-31.4983

■ 112.5730, 0.7035,
-39.0905

■ 121.2590, 0.3653,
-23.9061

■ 107.9310, 1.0200,
-47.2975

■ 126.0150, 0.4856,
-15.7992

■ 103.4740, 0.7523,
-54.7897

■ 130.6570, 0.1691,
-7.5922

■ 98.8320, 1.0688,
-62.9967

■ 135.0000, 0.0000,
0.0000

■ 94.1900, 1.3853,
-71.2036

■ 139.6420, -0.3165,
8.2070

■ 89.8470, 1.5544,
-78.7958

■ 144.0990, -0.0488,
15.6992

■ 148.7410, -0.3653,
23.9061

■ 153.0840, -0.5344,

31.4983

■ 157.7260, -0.8509,
39.7053

Harmonies

Analogous

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



119.3820, -9.5553, -15.2440



116.9160, 0.5344, -31.4983



114.7110, 11.4815, -42.7195

Triad

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



116.9160, 0.5344, -31.4983



125.7340, 16.8931, -5.0287



125.6910, -14.6377, 28.3350

Complementary

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



116.9160, 0.5344, -31.4983



99.0840, -0.5344, 31.4983

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.



126.6620, -7.2284, 31.8684



116.9160, 0.5344, -31.4983



127.5470, 10.5763, 14.4293

Square

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



116.9160, 0.5344, -31.4983



121.1120, 20.1578, -25.5312



127.6320, 1.6604, 27.5097



124.0010, -18.2415, 17.5391

Rectangle

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



116.9160, 0.5344, -31.4983



115.3780, 16.5756, -43.3045



127.6320, 1.6604, 27.5097



125.8700, -12.7539, 30.8090

Sweetspot

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



116.9160, 0.5344, -31.4983



168.9230, 0.0380, -12.2105



117.7810, -18.1330, -17.3479



84.9560, 0.0217, -6.9774



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



116.9160, 0.5344, -31.4983



147.5070, 0.7360, -49.5566



112.9840, 10.8539, -28.0500



63.9780, 0.0108, -3.4887



86.4560, 1.2542, -75.8219



1.9890, 0.0054, -1.7444

Inverse Universe

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



99.0840, -0.5344, 31.4983



119.4930, -0.7360, 49.5566



103.0160, -10.8539, 28.0500



62.0220, -0.0108, 3.4887



43.5440, -1.2542, 75.8219



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 116.9160, 0.5344, -31.4983 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



This preview shows how the YUV color 116.9160, 0.5344, -31.4983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

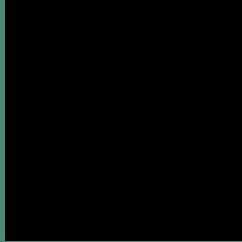
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.9160, 0.5344, -31.4983

Background



This preview shows how black text looks on a background with the YUV color 116.9160, 0.5344, -31.4983.



This preview shows how white text looks on a background with the YUV color 116.9160, 0.5344,

-31.4983.

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

116.9160, 0.5344, -31.4983

Protanopia

124.1270, -5.9786, 4.2736

Deuteranopia

125.1970, -2.0691, 10.3512



Tritanopia

119.6850, 11.0013, -28.6647

Trichromacy



Original Color

116.9160, 0.5344, -31.4983

Protanomaly

121.6200, -3.7567, -8.4367

Deuteranomaly

122.0380, -1.0047, -4.4183

Tritanomaly

118.6480, 7.0755, -29.5093

Monochromacy



Original Color

116.9160, 0.5344, -31.4983

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.2220, -0.1094, -11.5957

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9160, 0.5344, -31.4983 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(81, 135, 118)` looks like.

```
.text, #text, p{  
    color:rgb(81, 135, 118)  
}
```

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(81, 135, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 135, 118) }
```

Border

The CSS property to change the border of an element to YUV 116.9160, 0.5344, -31.4983 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(81, 135, 118) }
```


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

```
.border{ border-color:rgb(81, 135, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 135, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 135, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 135, 118);  
box-shadow:4px 4px 4px 4px rgb(81, 135,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 116.9160, 0.5344, -31.4983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 135, 118) }
```

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

```
.background{ background-color: rgb(81, 135,  
118) }
```

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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