

Converting Colors

YUV(115.2360, -41.5283,
19.9640)

Have a look what the booklet for
YUV(115.2360, -41.5283, 19.9640)
contains.

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Color

**YUV(115.2360, -41.5283,
19.9640)**

Conversions

Conversions Part 1

Format	Color
Hex	8A781F
RGB	138, 120, 31
RGB Percent	54%, 47%, 12%
CMY	0.4588, 0.5294, 0.8784
CMYK	0.00, 0.13, 0.78, 0.46
HSL	50°, 63%, 33%
HSV	50°, 78%, 54%
XYZ	17.4450, 18.9351, 4.0317
YIQ	115.2360, 39.2970, -23.8630

Conversions

Conversions Part 2

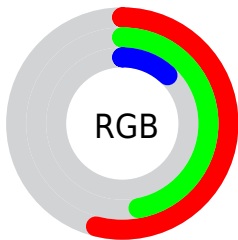
Format	Color
R_{YB}	53, 138, 31
Decimal	9074719
CIE _{Lab}	50.61, -2.97, 48.19
CIE _{LCh}	51, 48.277, 93.524
Yxy	18.9351, 0.4317, 0.4686
Android (android.graphics.Color)	4287264799 (0xFF8A781F)
YUV	115.2360, -41.5283, 19.9640
Hunter-Lab	43.5145, -4.5896, 24.9668

Details

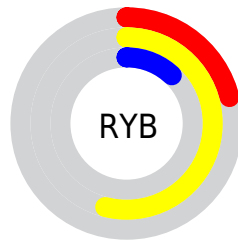
The YUV color **115.2360, -41.5283, 19.9640** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **53.7640, 41.5283, -19.9640**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4320, -42.1180, 22.4231**, and **67.6790, -33.3657, 15.1905** is the 20% darker color. If you saturate the color by 10%, you get **112.4660, -47.0647, 22.3933**, and if you desaturate by 10%, it is **118.0060, -35.9920, 17.5347**.

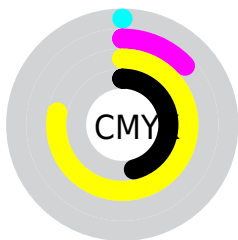
Distribution



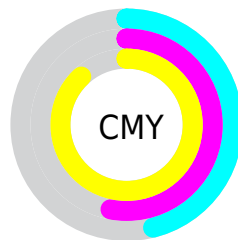
- Red (54%)
- Green (47%)
- Blue (12%)



- Red (21%)
- Yellow (54%)
- Blue (12%)



- Cyan (0%)
- Magenta (13%)
- Yellow (78%)
- Black (46%)



- Cyan (46%)
- Magenta (53%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.2360, -41.5283, 19.9640 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 115.2360, -41.5283, 19.9640 by changing the saturation by 10% instead.

■ 115.2360,
-41.5283, 19.9640

■ 115.2360,
-41.5283, 19.9640

■ 255.0000, 0.0000,
0.0000

■ 88.9540, -43.8543,
19.3343

■ 168.4320,
-42.1180, 22.4231

■ 67.6790, -33.3657,
15.1905

■ 195.8020,
-43.2864, 23.8526

■ 46.9910, -23.1666,
10.5319

■ 224.2860,
-44.0180, 25.1822

■ 27.1890, -13.4042,
5.9732

■ 244.3980,
-40.6222, 9.2980

■ 2.3480, -1.1576,
-2.0592

■ 247.4760,
-28.8287, 6.5985

■ 0.0000, 0.0000,
0.0000

■ 250.7820,

-16.1615, 3.6992

253.9740, -3.9312,
0.8998

115.2360,
-41.5283, 19.9640

115.2360,
-41.5283, 19.9640

112.4660,
-47.0647, 22.3933

118.0060,
-35.9920, 17.5347

109.1090,
-52.3117, 25.3374

121.3630,
-30.7450, 14.5906

108.7670,
-53.6221, 25.6373

124.0190,
-25.6454, 12.2613

126.7890,
-20.1090, 9.8320

130.1460,
-14.8620, 6.8880

■ 132.9160, -9.3256,
4.4587

■ 135.6860, -3.7892,
2.0294

■ 138.9290, 1.0210,
-0.8147

■ 141.6990, 6.5574,
-3.2440

Harmonies

Analogous

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



117.8940, -35.9367, 46.5740



115.2360, -41.5283, 19.9640



110.9590, -31.5318, -13.1190

Triad

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



115.2360, -41.5283, 19.9640



100.9900, 31.5569, -88.5682



123.4550, 17.0307, 44.3280

Complementary

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



115.2360, -41.5283, 19.9640



53.7640, 41.5283, -19.9640

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.



123.2140, 32.4325, 4.1973



115.2360, -41.5283, 19.9640



100.7740, 45.9604, -88.3788

Square

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



115.2360, -41.5283, 19.9640



96.3160, 13.6482, -84.4691



106.0960, 47.7737, -63.2282



119.7770, -1.3691, 65.9706

Rectangle

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



115.2360, -41.5283, 19.9640



105.0400, -17.7677, -41.2541



106.0960, 47.7737, -63.2282



124.1700, 22.5942, 33.1769

Sweetspot

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



115.2360, -41.5283, 19.9640



170.1030, -16.3198, 7.8027



65.2730, -7.0366, 63.7816



83.8020, -9.7624, 4.5586



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.



115.2360, -41.5283, 19.9640



143.5260, -64.8423, 31.1107



115.6360, -41.7255, -10.2048



67.6150, -2.7682, 1.2146



104.3370, -51.4381, 25.1375



3.8430, -1.8946, 1.0147

Inverse Universe

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



53.7640, 41.5283, -19.9640



47.4740, 64.8423, -31.1107



53.3640, 41.7255, 10.2048



63.3850, 2.7682, -1.2146



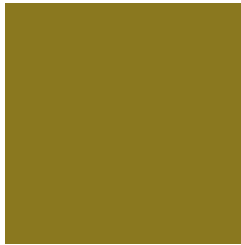
28.0760, 51.7275, -24.6227



1.1570, 1.8946, -1.0147

Previews

White Background



This preview shows how the YUV color 115.2360, -41.5283, 19.9640 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 115.2360, -41.5283, 19.9640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

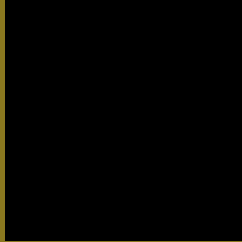
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.2360, -41.5283, 19.9640

Background



This preview shows how black text looks on a background with the YUV color 115.2360, -41.5283, 19.9640.



This preview shows how white text looks on a background with the YUV color 115.2360, -41.5283, 19.9640.

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

115.2360, -41.5283, 19.9640

Protanopia

114.9260, -41.3755, 17.6049

Deuteranopia

116.4160, -41.1241, 30.3302



Tritanopia

122.5940, -0.7858, 18.7731

Trichromacy



Original Color

115.2360, -41.5283, 19.9640

Protanomaly

115.2250, -41.5229, 18.2197

Deuteranomaly

115.9810, -41.4026, 26.3267

Tritanomaly

119.9950, -15.7735, 19.2984

Monochromacy



Original Color

115.2360, -41.5283, 19.9640

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0320, -15.2988, 6.9879

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.2360, -41.5283, 19.9640 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(138, 120, 31)` looks like.

```
.text, #text, p{  
    color:rgb(138, 120, 31)  
}
```

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(138, 120, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 120, 31) }
```

Border

The CSS property to change the border of an element to YUV 115.2360, -41.5283, 19.9640 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(138, 120, 31) }
```


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

```
.border{ border-color:rgb(138, 120, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 120, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 120, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 120, 31);  
box-shadow:4px 4px 4px 4px rgb(138, 120,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 115.2360, -41.5283, 19.9640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 120, 31) }
```

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

```
.background{ background-color: rgb(138,  
120, 31) }
```

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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