

Converting Colors

YUV(83.5640, -19.0121,
-15.4036)

Have a look what the booklet for
YUV(83.5640, -19.0121, -15.4036)
contains.

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Color

**YUV(83.5640, -19.0121,
-15.4036)**

Conversions

Conversions Part 1

Format	Color
Hex	42642D
RGB	66, 100, 45
RGB Percent	26%, 39%, 18%
CMY	0.7412, 0.6078, 0.8235
CMYK	0.34, 0.00, 0.55, 0.61
HSL	97°, 38%, 28%
HSV	97°, 55%, 39%
XYZ	7.2776, 10.4621, 4.1184
YIQ	83.5640, -2.6090, -24.3130

Conversions

Conversions Part 2

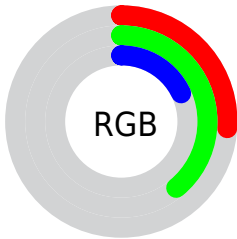
Format	Color
R _Y B	45, 100, 79
Decimal	4351021
CIE Lab	38.66, -23.28, 27.10
CIE LCh	39, 35.731, 130.662
Yxy	10.4621, 0.3329, 0.4786
Android (android.graphics.Color)	4282541101 (0xFF42642D)
YUV	83.5640, -19.0121, -15.4036
Hunter-Lab	32.3451, -16.4417, 15.0923

Details

The YUV color $83.5640, -19.0121, -15.4036$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $61.4360, 19.0121, 15.4036$, and the grayscale version is $84.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $133.8090, -20.6118, -15.6185$, and $36.7920, -18.1385, -15.6036$ is the 20% darker color. If you saturate the color by 10%, you get $80.6300, -22.4956, -18.0925$, and if you desaturate by 10%, it is $86.4980, -15.5285, -12.7147$.

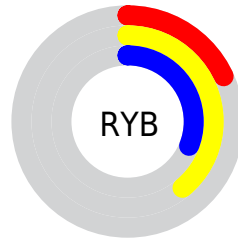
Distribution



Red (26%)

Green (39%)

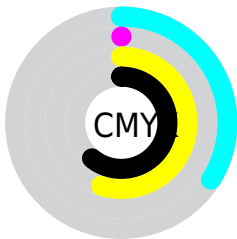
Blue (18%)



Red (18%)

Yellow (39%)

Blue (31%)

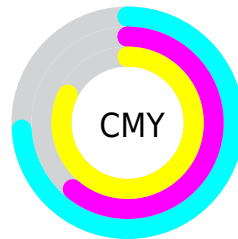


Cyan (34%)

Magenta (0%)

Yellow (55%)

Black (61%)



Cyan (74%)

Magenta (61%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5640, -19.0121, -15.4036 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 83.5640, -19.0121, -15.4036 by changing the saturation by 10% instead.

■ 83.5640, -19.0121,
-15.4036

■ 83.5640, -19.0121,
-15.4036

255.0000, 0.0000,
0.0000

■ 59.6780, -18.5753,
-15.5036

■ 133.8090,
-20.6118, -15.6185

■ 36.7920, -18.1385,
-15.6036

■ 160.2820,
-21.3380, -16.0333

■ 18.7840, -9.2605,
-16.4736

■ 187.7550,
-22.0642, -16.4481

■ 0.0000, 0.0000,
0.0000

■ 215.6410,
-22.5010, -16.3482

■ 239.4180,
-20.9121, -12.6446

■ 251.3950,

-12.5197, 2.2846

254.8860, -0.4368,
0.1000

■ 83.5640, -19.0121,
-15.4036

■ 83.5640, -19.0121,
-15.4036

■ 80.6300, -22.4956,
-18.0925

■ 86.4980, -15.5285,
-12.7147

■ 77.6960, -25.9791,
-20.7814

■ 89.4320, -12.0450,
-10.0259

■ 74.4630, -29.3153,
-24.0851

■ 92.6650, -8.7088,
-6.7222

■ 71.5290, -32.7988,
-26.7739

■ 95.5990, -5.2253,
-4.0333

■ 70.0620, -34.5406,
-28.1184

■ 98.5330, -1.7418,
-1.3444

■ 101.4670, 1.7418,
1.3444

■ 104.4010, 5.2253,
4.0333

■ 107.3350, 8.7088,
6.7222

■ 110.5680, 12.0450,
10.0259

Harmonies

Analogous

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



87.4270, -27.8185, 9.2725



83.5640, -19.0121, -15.4036



73.0290, -1.0003, -52.6454

Triad

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



83.5640, -19.0121, -15.4036



74.6430, 34.6860, -65.4619



91.4450, -4.6564, 46.9677

Complementary

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



83.5640, -19.0121, -15.4036



61.4360, 19.0121, 15.4036

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.



93.2230, 8.7641, 35.7614



83.5640, -19.0121, -15.4036



87.6310, 29.7619, -25.9864

Square

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



83.5640, -19.0121, -15.4036



75.6400, 25.8135, -66.3363



93.4570, 20.4807, 11.0002



90.3940, -17.4492, 43.5045

Rectangle

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



83.5640, -19.0121, -15.4036



72.0090, 9.3626, -63.1519



93.4570, 20.4807, 11.0002



91.9870, 0.0064, 44.7384

Sweetspot

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



83.5640, -19.0121, -15.4036



123.3060, -7.5459, -6.4074



81.4030, -17.9467, 16.3096



62.1260, -4.4991, -3.6185



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



83.5640, -19.0121, -15.4036



104.3490, -29.7521, -23.9851



77.9690, -13.2957, -28.9138



49.5330, -1.7418, -1.3444



80.6610, -39.7659, -32.1517



169.5620, -83.5941, -68.0219

Inverse Universe

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



61.4360, 19.0121, 15.4036



69.6510, 29.7521, 23.9851



67.0310, 13.2957, 28.9138



47.4670, 1.7418, 1.3444



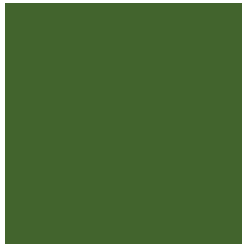
34.3390, 39.7659, 32.1517



72.4380, 83.5941, 68.0219

Previews

White Background



This preview shows how the YUV color 83.5640, -19.0121, -15.4036 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 83.5640, -19.0121, -15.4036 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 83.5640, -19.0121, -15.4036

Background



This preview shows how black text looks on a background with the YUV color 83.5640, -19.0121, -15.4036.



This preview shows how white text looks on a background with the YUV color 83.5640, -19.0121,

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

83.5640, -19.0121, -15.4036

Protanopia

88.4040, -22.8772, 11.0467

Deuteranopia

89.2570, -19.8467, 19.0686



Tritanopia

89.2310, 6.2951, -12.4806

Trichromacy



Original Color

83.5640, -19.0121, -15.4036

Protanomaly

86.3920, -21.3923, 1.4102

Deuteranomaly

87.2940, -19.3719, 6.7582

Tritanomaly

87.1140, -3.0142, -13.2550

Monochromacy



Original Color

83.5640, -19.0121, -15.4036

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8330, -6.8197, -5.9925

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5640, -19.0121, -15.4036 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(66, 100, 45)` looks like.

```
.text, #text, p{  
    color:rgb(66, 100, 45)  
}
```

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(66, 100, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 100, 45) }
```

Border

The CSS property to change the border of an element to YUV 83.5640, -19.0121, -15.4036 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(66, 100, 45) }
```


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

```
.border{ border-color:rgb(66, 100, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 100, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 100, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 100, 45);  
box-shadow:4px 4px 4px 4px rgb(66, 100,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 83.5640, -19.0121, -15.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 100, 45) }
```

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

```
.background{ background-color: rgb(66, 100,  
45) }
```

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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