

Converting Colors

YUV(64.0340, -15.2998,
-39.4948)

Have a look what the booklet for
YUV(64.0340, -15.2998, -39.4948)
contains.

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Color

**YUV(64.0340, -15.2998,
-39.4948)**

Conversions

Conversions Part 1

Format	Color
Hex	135D21
RGB	19, 93, 33
RGB Percent	7%, 36%, 13%
CMY	0.9255, 0.6353, 0.8706
CMYK	0.80, 0.00, 0.65, 0.64
HSL	131°, 66%, 22%
HSV	131°, 80%, 36%
XYZ	4.4574, 8.0770, 2.7629
YIQ	64.0340, -24.8440, -34.3480

Conversions

Conversions Part 2

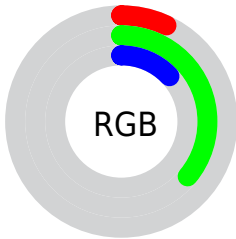
Format	Color
R_{YB}	19, 81, 93
Decimal	1269025
CIE _{Lab}	34.14, -35.82, 27.68
CIE _{LCh}	34, 45.272, 142.305
Yxy	8.0770, 0.2914, 0.5280
Android (android.graphics.Color)	4279459105 (0xFF135D21)
YUV	64.0340, -15.2998, -39.4948
Hunter-Lab	28.4200, -21.7388, 14.1300

Details

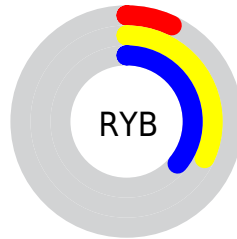
The YUV color **64.0340, -15.2998, -39.4948** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **47.9660, 15.2998, 39.4948**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.3720, -17.9314, -35.4062**, and **27.0020, -13.3120, -23.6808** is the 20% darker color. If you saturate the color by 10%, you get **60.4310, -17.4675, -44.2280**, and if you desaturate by 10%, it is **67.6370, -13.1320, -34.7616**.

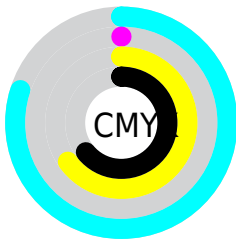
Distribution



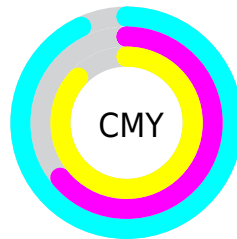
- Red (7%)
- Green (36%)
- Blue (13%)



- Red (7%)
- Yellow (32%)
- Blue (36%)



- Cyan (80%)
- Magenta (0%)
- Yellow (65%)
- Black (64%)



- Cyan (93%)
- Magenta (64%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.0340, -15.2998, -39.4948 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 64.0340, -15.2998, -39.4948 by changing the saturation by 10% instead.

■ 64.0340, -15.2998,
-39.4948

■ 64.0340, -15.2998,
-39.4948

255.0000, 0.0000,
0.0000

■ 41.6430, -15.6000,
-36.5209

■ 116.3720,
-17.9314, -35.4062

■ 27.0020, -13.3120,
-23.6808

■ 142.7310,
-19.0944, -35.7211

■ 13.5010, -6.6560,
-11.8404

■ 170.2040,
-19.8206, -36.1359

■ 0.0000, 0.0000,
0.0000

■ 197.6770,
-20.5468, -36.5507

■ 225.5630,
-20.9836, -36.4508

■ 237.1270,

-12.8806, -22.0364

■ 249.1040, -4.4883,
-7.1072

■ 64.0340, -15.2998,
-39.4948

■ 64.0340, -15.2998,
-39.4948

■ 60.4310, -17.4675,
-44.2280

■ 67.6370, -13.1320,
-34.7616

■ 56.6430, -19.0510,
-49.6759

■ 71.4250, -11.5485,
-29.3137

■ 75.0280, -9.3808,
-24.5806

■ 78.5170, -7.6499,
-19.7474

■ 82.4190, -5.6296,
-14.3995

■ 85.9080, -3.8986,
-9.5663

■ 89.5110, -1.7309,
-4.8331

■ 93.0000, 0.0000,
0.0000

■ 96.9020, 2.0203,
5.3479

Harmonies

Analogous

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



71.7110, -35.3535, -0.6235



64.0340, -15.2998, -39.4948



64.3320, 2.7943, -56.4192

Triad

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



64.0340, -15.2998, -39.4948



68.3970, 41.2163, -59.9842



76.0290, -10.3673, 58.7336

Complementary

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



64.0340, -15.2998, -39.4948



47.9660, 15.2998, 39.4948

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.



77.7630, 6.5258, 53.7048



64.0340, -15.2998, -39.4948



78.7230, 33.6606, -16.4201

Square

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



64.0340, -15.2998, -39.4948



70.7960, 32.6386, -62.0881



82.3820, 21.0107, 27.7290



76.7120, -26.4800, 46.7336

Rectangle

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



64.0340, -15.2998, -39.4948



67.7690, 13.4249, -59.4334



82.3820, 21.0107, 27.7290



75.9350, -4.4050, 59.6930

Sweetspot

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



64.0340, -15.2998, -39.4948



108.7070, -5.7716, -15.5290



80.3780, -30.2594, -1.2085



54.0220, -3.4618, -9.6663



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



64.0340, -15.2998, -39.4948



75.4260, -23.3810, -60.8866



68.2520, 0.8618, -43.1940



44.0490, -1.0102, -2.6740



66.9640, -22.6603, -58.7274



144.2490, -48.9298, -126.5064

Inverse Universe

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



47.9660, 15.2998, 39.4948



50.5740, 23.3810, 60.8866



43.7480, -0.8618, 43.1940



42.9510, 1.0102, 2.6740



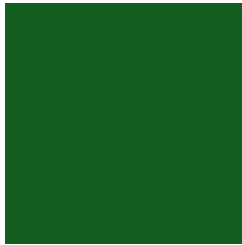
43.0360, 22.6603, 58.7274



92.7510, 48.9298, 126.5064

Previews

White Background



This preview shows how the YUV color 64.0340, -15.2998, -39.4948 looks on a white background.

Color Contrast Check

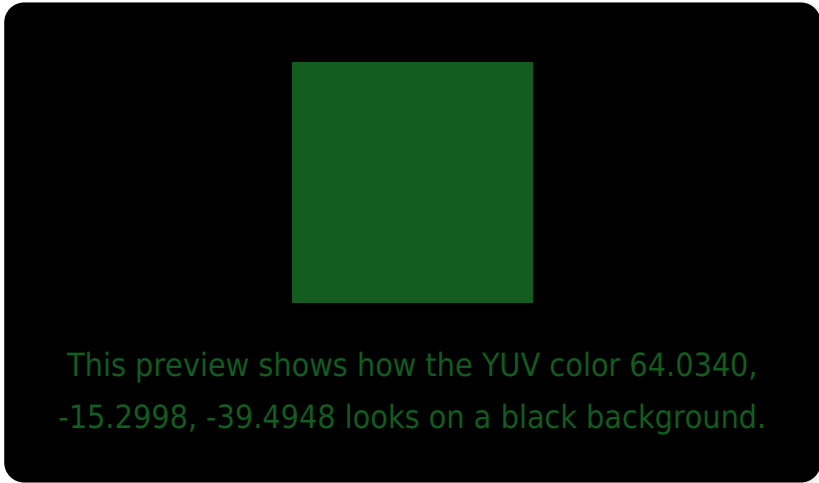
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64.0340, -15.2998, -39.4948

Background



This preview shows how black text looks on a background with the YUV color 64.0340, -15.2998, -39.4948.



This preview shows how white text looks on a background with the YUV color 64.0340, -15.2998, -39.4948.

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

64.0340, -15.2998, -39.4948

Protanopia

76.8770, -23.6034, 10.6319

Deuteranopia

78.5450, -19.9887, 17.9390



Tritanopia

74.0440, 9.8383, -28.9796

Trichromacy



Original Color

64.0340, -15.2998, -39.4948

Protanomaly

72.4510, -20.9283, -7.4115

Deuteranomaly

73.1680, -18.3238, -2.7783

Tritanomaly

70.3180, 0.8292, -32.7279

Monochromacy



Original Color

64.0340, -15.2998, -39.4948

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.4190, -5.6296, -14.3995

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.0340, -15.2998, -39.4948 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(19, 93, 33)` looks like.

```
.text, #text, p{  
    color:rgb(19, 93, 33)  
}
```

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(19, 93, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 93, 33) }
```

Border

The CSS property to change the border of an element to YUV 64.0340, -15.2998, -39.4948 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(19, 93, 33) }
```


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

```
.border{ border-color:rgb(19, 93, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 93, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 93, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 93, 33);  
box-shadow:4px 4px 4px 4px rgb(19, 93, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.0340, -15.2998, -39.4948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 93, 33) }
```

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

```
.background{ background-color: rgb(19, 93,  
33) }
```

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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