

Converting Colors

YUV(78.9350, -4.8980, -15.7290)

Have a look what the booklet for
YUV(78.9350, -4.8980, -15.7290)
contains.

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Color

**YUV(78.9350, -4.8980,
-15.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	3D5A45
RGB	61, 90, 69
RGB Percent	24%, 35%, 27%
CMY	0.7608, 0.6471, 0.7294
CMYK	0.32, 0.00, 0.23, 0.65
HSL	137°, 19%, 30%
HSV	137°, 32%, 35%
XYZ	6.6548, 8.7341, 6.9653
YIQ	78.9350, -10.5430, -12.6790

Conversions

Conversions Part 2

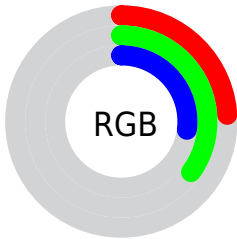
Format	Color
R_{YB}	61, 84, 90
Decimal	4020805
CIE Lab	35.47, -15.76, 8.75
CIE LCh	35, 18.027, 150.967
Yxy	8.7341, 0.2977, 0.3907
Android (android.graphics.Color)	4282210885 (0xFF3D5A45)
YUV	78.9350, -4.8980, -15.7290
Hunter-Lab	29.5535, -11.5243, 6.7137

Details

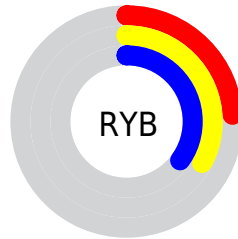
The YUV color **78.9350, -4.8980, -15.7290** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.0650, 4.8980, 15.7290**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.1090, -5.4767, -16.7586**, and **33.5760, -3.7350, -15.4142** is the 20% darker color. If you saturate the color by 10%, you get **75.4460, -6.6289, -20.5621**, and if you desaturate by 10%, it is **82.4240, -3.1670, -10.8958**.

Distribution



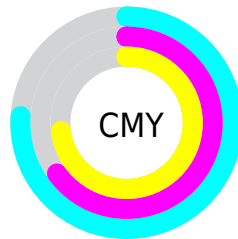
- Red (24%)
- Green (35%)
- Blue (27%)



- Red (24%)
- Yellow (33%)
- Blue (35%)



- Cyan (32%)
- Magenta (0%)
- Yellow (23%)
- Black (65%)



- Cyan (76%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9350, -4.8980, -15.7290 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 78.9350, -4.8980, -15.7290 by changing the saturation by 10% instead.

■ 78.9350, -4.8980,
-15.7290

■ 78.9350, -4.8980,
-15.7290

■ 255.0000, 0.0000,
0.0000

■ 55.4620, -4.1718,
-15.3142

■ 128.1090, -5.4767,
-16.7586

■ 33.5760, -3.7350,
-15.4142

■ 154.6960, -5.7661,
-17.2734

■ 14.6750, -7.2348,
-12.8700

■ 181.2830, -6.0555,
-17.7882

■ 0.0000, 0.0000,
0.0000

■ 209.2830, -6.0555,
-17.7882

■ 236.9840, -5.9081,
-18.4030

■ 251.7820, 0.6005,

-5.9478

■ 78.9350, -4.8980,
-15.7290

■ 78.9350, -4.8980,
-15.7290

■ 75.4460, -6.6289,
-20.5621

■ 82.4240, -3.1670,
-10.8958

■ 72.0710, -7.9230,
-25.4953

■ 85.7990, -1.8729,
-5.9627

■ 68.5820, -9.6539,
-30.3284

■ 89.2880, -0.1420,
-1.1296

■ 65.2070, -10.9481,
-35.2615

■ 92.6630, 1.1521,
3.8035

■ 61.7180, -12.6790,
-40.0947

■ 96.1520, 2.8831,
8.6367

■ 58.3430, -13.9731,
-45.0278

■ 99.5270, 4.1772,
13.5698

■ 55.6800, -15.1252,
-48.8314

■ 103.0160, 5.9081,
18.4030

■ 106.3910, 7.2022,
23.3361

■ 109.8800, 8.9332,
28.1692

Harmonies

Analogous

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



81.0030, -11.3405, -2.6336



78.9350, -4.8980, -15.7290



76.3340, 3.2863, -27.4799

Triad

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



78.9350, -4.8980, -15.7290



82.0980, 14.7417, -14.9949



84.7920, -7.7855, 23.8614

Complementary

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



78.9350, -4.8980, -15.7290



72.0650, 4.8980, 15.7290

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.



85.5020, -1.2335, 22.3617



78.9350, -4.8980, -15.7290



84.9860, 11.3459, 0.8893

Square

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



78.9350, -4.8980, -15.7290



78.0100, 14.7851, -28.9498



85.6950, 6.0664, 14.2995



83.9070, -12.2792, 18.4986

Rectangle

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



78.9350, -4.8980, -15.7290



75.3810, 8.6862, -32.7831



85.6950, 6.0664, 14.2995



84.7750, -5.3121, 23.8763

Sweetspot

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



78.9350, -4.8980, -15.7290



112.7990, -1.8729, -5.9627



84.3020, -11.4879, -2.0189



56.3370, -1.1521, -3.8035



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



78.9350, -4.8980, -15.7290



99.7830, -7.7810, -24.3657



80.5310, 1.2172, -17.1287



44.1630, -0.5734, -2.7740



67.9900, -18.7291, -59.6272



146.5290, -40.1938, -128.5059

Inverse Universe

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



72.0650, 4.8980, 15.7290



89.2170, 7.7810, 24.3657



70.4690, -1.2172, 17.1287



42.9510, 1.0102, 2.6740



41.8960, 18.2923, 59.7272



90.4710, 40.1938, 128.5059

Previews

White Background



This preview shows how the YUV color 78.9350, -4.8980, -15.7290 looks on a white background.

Color Contrast Check

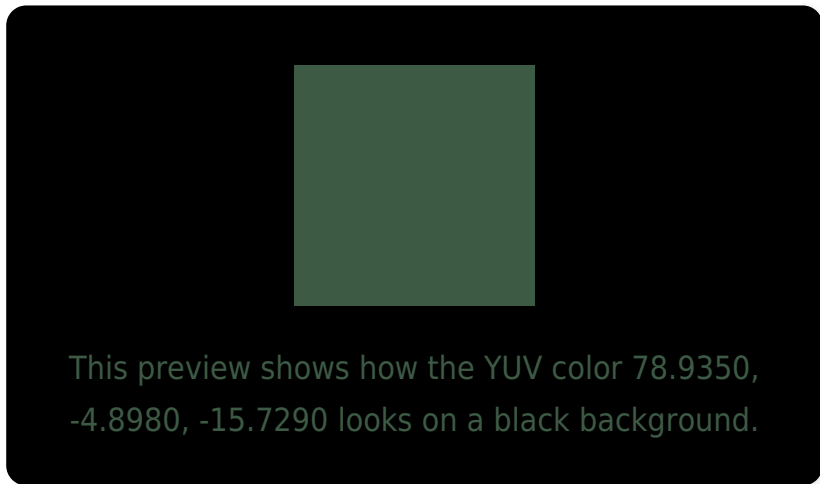
Large Text (above 18pt) WCAG AA ✓ Pass

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

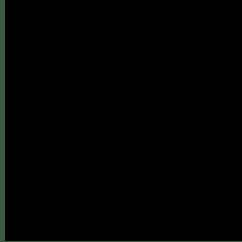
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9350, -4.8980, -15.7290

Background



This preview shows how black text looks on a background with the YUV color 78.9350, -4.8980, -15.7290.



This preview shows how white text looks on a background with the YUV color 78.9350, -4.8980, -15.7290.

-15.7290.

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

78.9350, -4.8980, -15.7290

Protanopia

82.5570, -8.1626, 4.7735

Deuteranopia

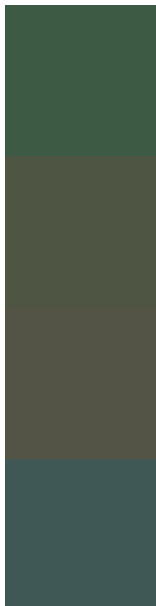
83.4590, -6.1423, 10.1215



Tritanopia

81.5190, 6.1531, -13.6102

Trichromacy



Original Color

78.9350, -4.8980, -15.7290

Protanomaly

81.4420, -7.1199, -3.0186

Deuteranomaly

82.1050, -5.9678, 0.7849

Tritanomaly

80.4820, 2.2274, -14.4547

Monochromacy



Original Color

78.9350, -4.8980, -15.7290

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.7990, -1.8729, -5.9627

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9350, -4.8980, -15.7290 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(61, 90, 69)` looks like.

```
.text, #text, p{  
    color:rgb(61, 90, 69)  
}
```

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(61, 90, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 90, 69) }
```

Border

The CSS property to change the border of an element to YUV 78.9350, -4.8980, -15.7290 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(61, 90, 69) }
```


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

```
.border{ border-color:rgb(61, 90, 69) }
```

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

Here you see how a box with a 4 pixel rgb(61, 90, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 90, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 90, 69);  
box-shadow:4px 4px 4px 4px rgb(61, 90, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.9350, -4.8980, -15.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 90, 69) }
```

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

```
.background{ background-color: rgb(61, 90,  
69) }
```

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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