

Converting Colors

YUV(79.0390, -12.8372,
-35.9912)

Have a look what the booklet for
YUV(79.0390, -12.8372, -35.9912)
contains.

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Color

**YUV(79.0390, -12.8372,
-35.9912)**

Conversions

Conversions Part 1

Format	Color
Hex	266935
RGB	38, 105, 53
RGB Percent	15%, 41%, 21%
CMY	0.8510, 0.5882, 0.7922
CMYK	0.64, 0.00, 0.50, 0.59
HSL	133°, 47%, 28%
HSV	133°, 64%, 41%
XYZ	6.4935, 10.7723, 5.1052
YIQ	79.0390, -23.2400, -30.3760

Conversions

Conversions Part 2

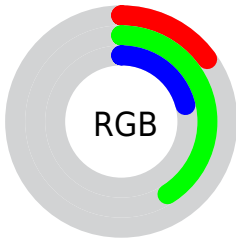
Format	Color
R_{YB}	38, 93, 105
Decimal	2517301
CIE _{Lab}	39.19, -33.50, 23.04
CIE _{LCh}	39, 40.664, 145.481
Yxy	10.7723, 0.2903, 0.4815
Android (android.graphics.Color)	4280707381 (0xFF266935)
YUV	79.0390, -12.8372, -35.9912
Hunter-Lab	32.8211, -22.1216, 13.7525

Details

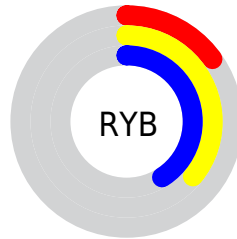
The YUV color **79.0390, -12.8372, -35.9912** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **63.9610, 12.8372, 35.9912**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8820, -14.7318, -34.9765**, and **34.3710, -13.0009, -30.1434** is the 20% darker color. If you saturate the color by 10%, you get **75.1370, -14.8575, -41.3391**, and if you desaturate by 10%, it is **83.2400, -10.9643, -30.0285**.

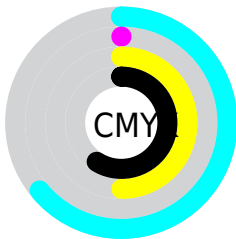
Distribution



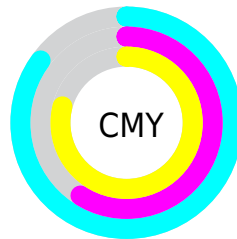
- Red (15%)
- Green (41%)
- Blue (21%)



- Red (15%)
- Yellow (36%)
- Blue (41%)



- Cyan (64%)
- Magenta (0%)
- Yellow (50%)
- Black (59%)



- Cyan (85%)
- Magenta (59%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.0390, -12.8372, -35.9912 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 79.0390, -12.8372, -35.9912 by changing the saturation by 10% instead.

■ 79.0390, -12.8372,
-35.9912

■ 79.0390, -12.8372,
-35.9912

255.0000, 0.0000,
0.0000

■ 51.6900, -10.2002,
-41.8241

■ 130.8820,
-14.7318, -34.9765

■ 34.3710, -13.0009,
-30.1434

■ 157.3550,
-15.4580, -35.3913

■ 21.1320, -10.4181,
-18.5328

■ 184.8280,
-16.1842, -35.8062

■ 0.0000, 0.0000,
0.0000

■ 213.0020,
-16.7630, -36.8358

■ 232.7840,
-12.7115, -29.6286

■ 244.6470, -4.7560,

-14.5994

■ 79.0390, -12.8372,
-35.9912

■ 79.0390, -12.8372,
-35.9912

■ 75.1370, -14.8575,
-41.3391

■ 83.2400, -10.9643,
-30.0285

■ 70.9360, -16.7304,
-47.3019

■ 87.1420, -8.9440,
-24.6805

■ 67.0340, -18.7508,
-52.6498

■ 91.3430, -7.0711,
-18.7178

■ 64.3710, -19.9029,
-56.4534

■ 95.3590, -4.6140,
-13.4698

■ 99.5600, -2.7411,
-7.5071

■ 103.4620, -0.7208,
-2.1592

■ 107.6630, 1.1521,
3.8035

■ 111.5650, 3.1725,
9.1515

■ 115.4670, 5.1928,
14.4994

Harmonies

Analogous

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



85.8230, -28.5067, -3.3528



79.0390, -12.8372, -35.9912



73.2000, 6.3104, -64.1964

Triad

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



79.0390, -12.8372, -35.9912



75.5380, 40.6538, -66.2468



91.1270, -12.3876, 53.3856

Complementary

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



79.0390, -12.8372, -35.9912



63.9610, 12.8372, 35.9912

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.



92.2310, 3.3371, 49.7864



79.0390, -12.8372, -35.9912



92.9260, 29.1235, -7.8281

Square

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



79.0390, -12.8372, -35.9912



78.2790, 33.3865, -68.6507



95.3560, 17.0795, 28.6288



90.5050, -25.8850, 42.5301

Rectangle

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



79.0390, -12.8372, -35.9912



75.8220, 16.3568, -66.4959



95.3560, 17.0795, 28.6288



90.9190, -6.8621, 54.4450

Sweetspot

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



79.0390, -12.8372, -35.9912



127.8320, -5.3402, -13.8847



92.8770, -27.0544, -2.5231



62.8480, -2.8831, -8.6367



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



79.0390, -12.8372, -35.9912



96.8440, -20.6291, -56.8682



82.8010, 1.5771, -39.2905



51.6360, -1.2995, -3.1888



71.6430, -22.5020, -62.8309



150.0850, -46.8769, -131.6245

Inverse Universe

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



63.9610, 12.8372, 35.9912



73.0420, 20.1923, 56.9682



60.1990, -1.5771, 39.2905



50.2500, 0.8628, 3.2887



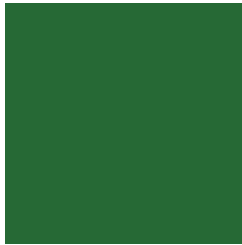
45.3570, 22.5020, 62.8309



94.9150, 46.8769, 131.6245

Previews

White Background



This preview shows how the YUV color 79.0390, -12.8372, -35.9912 looks on a white background.

Color Contrast Check

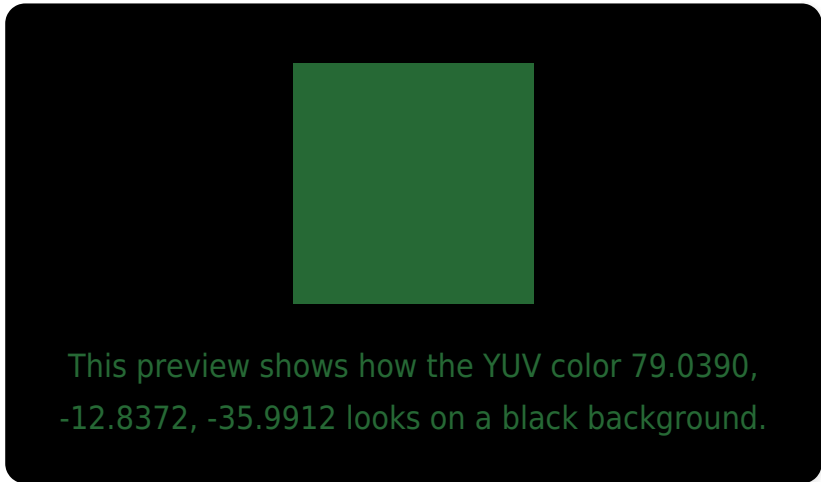
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 79.0390, -12.8372, -35.9912

Background



This preview shows how black text looks on a background with the YUV color 79.0390, -12.8372, -35.9912.



This preview shows how white text looks on a background with the YUV color 79.0390, -12.8372, -35.9912.

-35.9912.

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

79.0390, -12.8372, -35.9912

Protanopia

89.6750, -20.5458, 9.9320

Deuteranopia

91.3430, -16.9311, 17.2392



Tritanopia

86.4570, 10.1277, -28.4648

Trichromacy



Original Color

79.0390, -12.8372, -35.9912

Protanomaly

85.9610, -17.7288, -6.9818

Deuteranomaly

86.6780, -15.1243, -2.3486

Tritanomaly

83.5570, 1.6974, -31.1835

Monochromacy



Original Color

79.0390, -12.8372, -35.9912

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.7720, -4.3246, -12.9550

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.0390, -12.8372, -35.9912 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(38, 105, 53)` looks like.

```
.text, #text, p{  
    color:rgb(38, 105, 53)  
}
```

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(38, 105, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 105, 53) }
```

Border

The CSS property to change the border of an element to YUV 79.0390, -12.8372, -35.9912 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(38, 105, 53) }
```


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

```
.border{ border-color:rgb(38, 105, 53) }
```

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

Here you see how a box with a 4 pixel rgb(38, 105, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 105, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 105, 53);  
box-shadow:4px 4px 4px 4px rgb(38, 105,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 79.0390, -12.8372, -35.9912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 105, 53) }
```

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

```
.background{ background-color: rgb(38, 105,  
53) }
```

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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