

Converting Colors

YUV(75.6570, -20.0439,
-11.1002)

Have a look what the booklet for
YUV(75.6570, -20.0439, -11.1002)
contains.

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Color

**YUV(75.6570, -20.0439,
-11.1002)**

Conversions

Conversions Part 1

Format	Color
Hex	3F5A23
RGB	63, 90, 35
RGB Percent	25%, 35%, 14%
CMY	0.7529, 0.6471, 0.8627
CMYK	0.30, 0.00, 0.61, 0.65
HSL	89°, 44%, 25%
HSV	89°, 61%, 35%
XYZ	6.0094, 8.4904, 2.9122
YIQ	75.6570, 1.5630, -22.8290

Conversions

Conversions Part 2

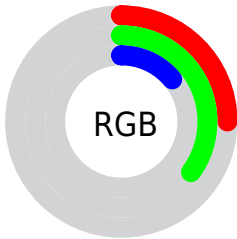
Format	Color
R_{YB}	35, 90, 62
Decimal	4151843
CIE _{Lab}	34.98, -20.57, 28.09
CIE _{LCh}	35, 34.817, 126.211
Y _{xy}	8.4904, 0.3451, 0.4876
Android (android.graphics.Color)	4282341923 (0xFF3F5A23)
YUV	75.6570, -20.0439, -11.1002
Hunter-Lab	29.1384, -14.1786, 14.4712

Details

The YUV color **75.6570, -20.0439, -11.1002** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **49.3430, 20.0439, 11.1002**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.3150, -21.3543, -10.8003**, and **31.2100, -15.3865, -11.5852** is the 20% darker color. If you saturate the color by 10%, you get **73.4350, -23.3855, -12.6595**, and if you desaturate by 10%, it is **77.8790, -16.7023, -9.5409**.

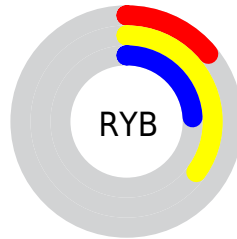
Distribution



Red (25%)

Green (35%)

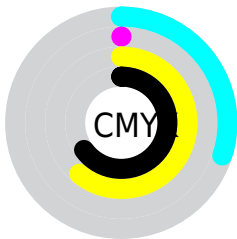
Blue (14%)



Red (14%)

Yellow (35%)

Blue (24%)

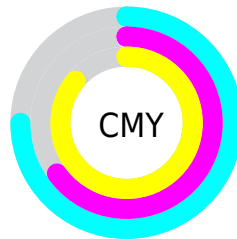


Cyan (30%)

Magenta (0%)

Yellow (61%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6570, -20.0439, -11.1002 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 75.6570, -20.0439, -11.1002 by changing the saturation by 10% instead.

■ 75.6570, -20.0439,
-11.1002

■ 75.6570, -20.0439,
-11.1002

255.0000, 0.0000,
0.0000

■ 51.7710, -19.6071,
-11.2002

■ 125.3150,
-21.3543, -10.8003

■ 31.2100, -15.3865,
-11.5852

■ 151.6740,
-22.5173, -11.1151

■ 15.2620, -7.5242,
-13.3848

■ 178.2610,
-22.8067, -11.6299

■ 0.0000, 0.0000,
0.0000

■ 206.0330,
-23.6803, -11.4299

■ 234.5060,
-24.4065, -11.8448

■ 248.7170,

-17.6085, 1.1252

253.5180, -5.6784,
1.2997

75.6570, -20.0439,
-11.1002

75.6570, -20.0439,
-11.1002

73.4350, -23.3855,
-12.6595

77.8790, -16.7023,
-9.5409

70.9140, -26.5796,
-14.8336

80.4000, -13.5082,
-7.3668

68.6920, -29.9212,
-16.3929

82.6220, -10.1666,
-5.8075

66.5840, -32.8259,
-18.0522

85.1430, -6.9725,
-3.6334

87.3650, -3.6309,
-2.0741

■ 89.8860, -0.4368,
0.1000

■ 92.1080, 2.9048,
1.6593

■ 94.3300, 6.2463,
3.2186

■ 96.8510, 9.4405,
5.3927

Harmonies

Analogous

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



78.8510, -27.5345, 11.5317



75.6570, -20.0439, -11.1002



66.9870, -3.9376, -43.8386

Triad

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



75.6570, -20.0439, -11.1002



68.5790, 31.7596, -60.1438



82.1180, -2.0302, 44.6235

Complementary

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



75.6570, -20.0439, -11.1002



49.3430, 20.0439, 11.1002

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.



84.5430, 10.0853, 31.9728



75.6570, -20.0439, -11.1002



76.0000, 30.0730, -32.4490

Square

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



75.6570, -20.0439, -11.1002



68.7610, 22.3028, -60.3034



84.5380, 20.9338, 5.6672



81.0780, -14.8285, 42.9046

Rectangle

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



75.6570, -20.0439, -11.1002



65.2440, 6.2887, -57.2190



84.5380, 20.9338, 5.6672



83.1330, 1.9064, 41.9794

Sweetspot

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



75.6570, -20.0439, -11.1002



111.6160, -7.6987, -4.0482



67.2940, -15.9209, 19.9132



55.4250, -4.6465, -3.0037



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.



75.6570, -20.0439, -11.1002



94.7520, -30.9367, -17.3225



67.5840, -16.0639, -27.6992



44.8320, -1.8892, -0.7297



81.3140, -40.0878, -22.2004



175.2980, -86.4219, -47.6193

Inverse Universe

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



49.3430, 20.0439, 11.1002



54.2480, 30.9367, 17.3225



57.4160, 16.0639, 27.6992



42.4670, 1.7418, 1.3444



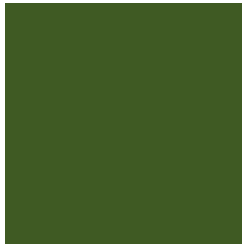
28.6860, 40.0878, 22.2004



61.7020, 86.4219, 47.6193

Previews

White Background



This preview shows how the YUV color 75.6570, -20.0439, -11.1002 looks on a white background.

Color Contrast Check

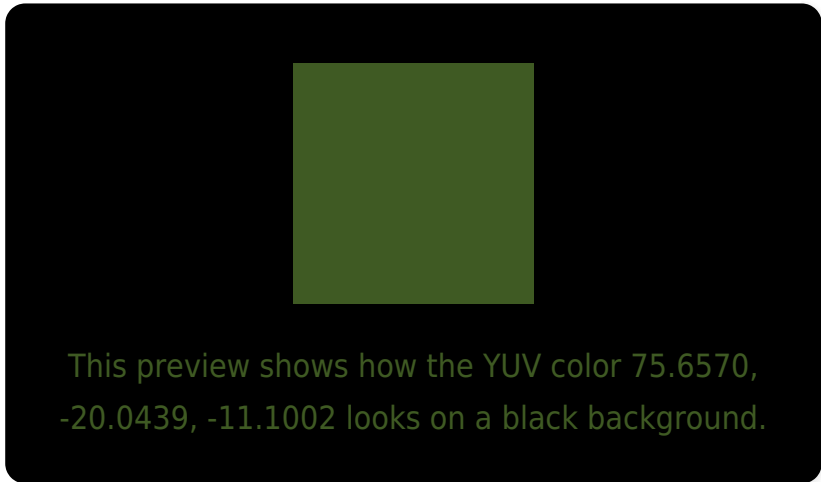
Large Text (above 18pt) WCAG AA ✓ Pass

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

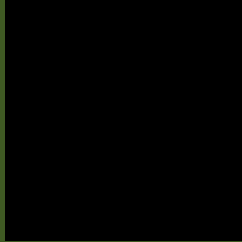
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.6570, -20.0439, -11.1002

Background



This preview shows how black text looks on a background with the YUV color 75.6570, -20.0439, -11.1002.



This preview shows how white text looks on a background with the YUV color 75.6570, -20.0439, -11.1002.

-11.1002.

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

75.6570, -20.0439, -11.1002

Protanopia

79.1050, -22.7298, 10.4319

Deuteranopia

80.4310, -20.4255, 18.0390



Tritanopia

80.9110, 4.9739, -8.6919

Trichromacy



Original Color

75.6570, -20.0439, -11.1002

Protanomaly

77.9900, -21.6871, 2.6398

Deuteranomaly

78.4790, -19.9561, 7.4729

Tritanomaly

78.9080, -3.8986, -9.5663

Monochromacy



Original Color

75.6570, -20.0439, -11.1002

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7300, -7.2619, -4.1482

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6570, -20.0439, -11.1002 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(63, 90, 35)` looks like.

```
.text, #text, p{  
    color:rgb(63, 90, 35)  
}
```

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(63, 90, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 90, 35) }
```

Border

The CSS property to change the border of an element to YUV 75.6570, -20.0439, -11.1002 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(63, 90, 35) }
```


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

```
.border{ border-color:rgb(63, 90, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 90, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 90, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 90, 35);  
box-shadow:4px 4px 4px 4px rgb(63, 90, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.6570, -20.0439, -11.1002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 90, 35) }
```

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

```
.background{ background-color: rgb(63, 90,  
35) }
```

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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