

Converting Colors

YUV(76.6570, -20.0439,
-11.1002)

Have a look what the booklet for
YUV(76.6570, -20.0439, -11.1002)
contains.

YUV(76.6570, -20.0439, -11.1002)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(76.6570, -20.0439,
-11.1002)**

Conversions

Conversions Part 1

Format	Color
Hex	405B24
RGB	64, 91, 36
RGB Percent	25%, 36%, 14%
CMY	0.7490, 0.6431, 0.8588
CMYK	0.30, 0.00, 0.60, 0.64
HSL	89°, 43%, 25%
HSV	89°, 60%, 36%
XYZ	6.1739, 8.6995, 3.0228
YIQ	76.6570, 1.5630, -22.8290

Conversions

Conversions Part 2

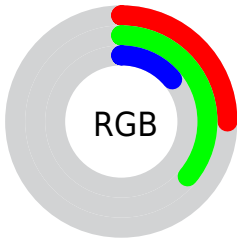
Format	Color
R_{YB}	36, 91, 63
Decimal	4217636
CIE _{Lab}	35.40, -20.56, 28.06
CIE _{LCh}	35, 34.785, 126.228
Y _{xy}	8.6995, 0.3450, 0.4861
Android (android.graphics.Color)	4282407716 (0xFF405B24)
YUV	76.6570, -20.0439, -11.1002
Hunter-Lab	29.4950, -14.2527, 14.5700

Details

The YUV color **76.6570, -20.0439, -11.1002** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **50.3430, 20.0439, 11.1002**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.3150, -21.3543, -10.8003**, and **32.3950, -15.9707, -10.8704** is the 20% darker color. If you saturate the color by 10%, you get **74.4350, -23.3855, -12.6595**, and if you desaturate by 10%, it is **78.8790, -16.7023, -9.5409**.

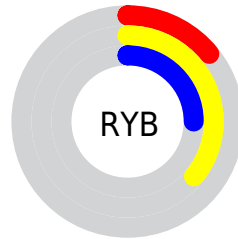
Distribution



Red (25%)

Green (36%)

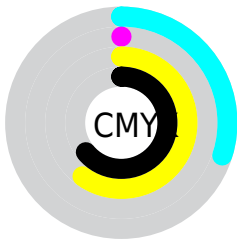
Blue (14%)



Red (14%)

Yellow (36%)

Blue (25%)

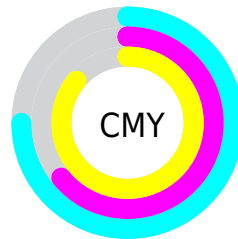


Cyan (30%)

Magenta (0%)

Yellow (60%)

Black (64%)



Cyan (75%)

Magenta (64%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6570, -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 76.6570, -20.0439, -11.1002 by changing the saturation by 10% instead.

■ 76.6570, -20.0439,
-11.1002

■ 76.6570, -20.0439,
-11.1002

255.0000, 0.0000,
0.0000

■ 52.7710, -19.6071,
-11.2002

■ 126.3150,
-21.3543, -10.8003

■ 32.3950, -15.9707,
-10.8704

■ 152.6740,
-22.5173, -11.1151

■ 15.2620, -7.5242,
-13.3848

■ 179.2610,
-22.8067, -11.6299

■ 0.0000, 0.0000,
0.0000

■ 207.1470,
-23.2435, -11.5299

■ 235.6200,
-23.9697, -11.9447

■ 249.2440,

-16.8823, 1.5400

253.6320, -5.2416,
1.1997

76.6570, -20.0439,
-11.1002

76.6570, -20.0439,
-11.1002

74.4350, -23.3855,
-12.6595

78.8790, -16.7023,
-9.5409

71.9140, -26.5796,
-14.8336

81.4000, -13.5082,
-7.3668

69.6920, -29.9212,
-16.3929

83.6220, -10.1666,
-5.8075

67.1710, -33.1153,
-18.5670

86.1430, -6.9725,
-3.6334

88.4790, -3.1941,
-2.1741

■ 91.0000, 0.0000,
0.0000

■ 93.2220, 3.3416,
1.5593

■ 95.7430, 6.5357,
3.7334

■ 97.9650, 9.8773,
5.2927

Harmonies

Analogous

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



79.8510, -27.5345, 11.5317



76.6570, -20.0439, -11.1002



68.2860, -4.0850, -43.2238

Triad

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



76.6570, -20.0439, -11.1002



69.2800, 31.9070, -60.7586



83.1180, -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.



76.6570, -20.0439, -11.1002



50.3430, 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.



85.5430, 10.0853, 31.9728



76.6570, -20.0439, -11.1002



77.0000, 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.



76.6570, -20.0439, -11.1002



69.4620, 22.4502, -60.9182



85.5380, 20.9338, 5.6672



82.0780, -14.8285, 42.9046

Rectangle

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



76.6570, -20.0439, -11.1002



65.9450, 6.4361, -57.8338



85.5380, 20.9338, 5.6672



84.1330, 1.9064, 41.9794

Sweetspot

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



76.6570, -20.0439, -11.1002



111.6160, -7.6987, -4.0482



68.2940, -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.



76.6570, -20.0439, -11.1002



94.7520, -30.9367, -17.3225



68.5840, -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.



50.3430, 20.0439, 11.1002



54.2480, 30.9367, 17.3225



58.4160, 16.0639, 27.6992



42.4670, 1.7418, 1.3444



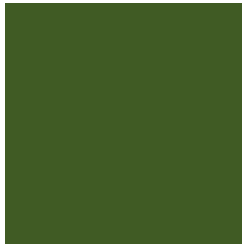
28.6860, 40.0878, 22.2004



61.7020, 86.4219, 47.6193

Previews

White Background



This preview shows how the YUV color 76.6570, -20.0439, -11.1002 looks on a white background.

Color Contrast Check

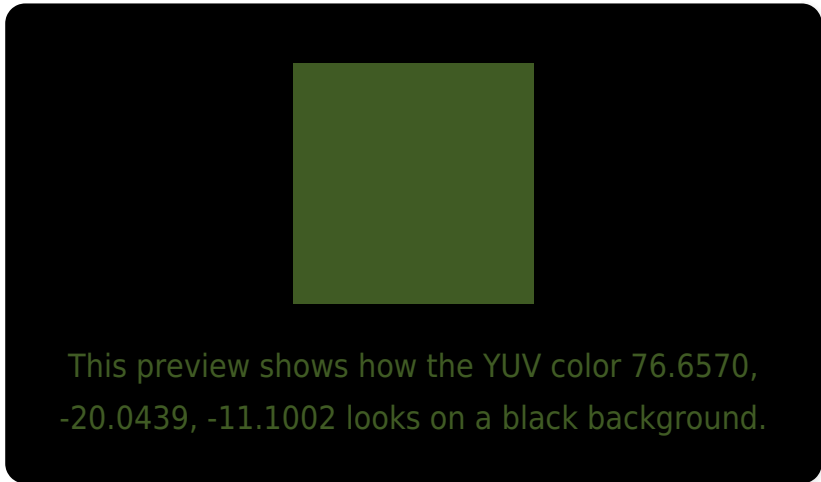
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.6570, -20.0439, -11.1002

Background



This preview shows how black text looks on a background with the YUV color 76.6570, -20.0439, -11.1002.



This preview shows how white text looks on a background with the YUV color 76.6570, -20.0439,

-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

76.6570, -20.0439, -11.1002

Protanopia

80.4040, -22.8772, 11.0467

Deuteranopia

81.3170, -20.8623, 18.1390



Tritanopia

81.9110, 4.9739, -8.6919

Trichromacy



Original Color

76.6570, -20.0439, -11.1002

Protanomaly

78.9900, -21.6871, 2.6398

Deuteranomaly

79.3650, -20.3929, 7.5729

Tritanomaly

79.9080, -3.8986, -9.5663

Monochromacy



Original Color

76.6570, -20.0439, -11.1002

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7300, -7.2619, -4.1482

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6570, -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(64, 91, 36)` looks like.

```
.text, #text, p{  
    color:rgb(64, 91, 36)  
}
```

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(64, 91, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 91, 36) }
```

Border

The CSS property to change the border of an element to YUV 76.6570, -20.0439, -11.1002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

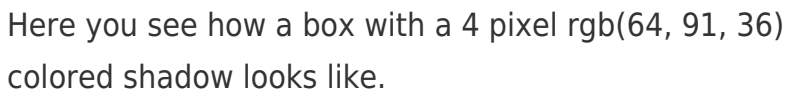
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(64, 91, 36) }
```


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

```
.border{ border-color:rgb(64, 91, 36) }
```

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



Here you see how a box with a 4 pixel `rgb(64, 91, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 91, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 91, 36);  
box-shadow:4px 4px 4px 4px rgb(64, 91, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.6570, -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(64, 91, 36) }
```

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

```
.background{ background-color: rgb(64, 91,  
36) }
```

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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