

Converting Colors

YUV(35.5940, -11.1388,
-20.6919)

Have a look what the booklet for
YUV(35.5940, -11.1388, -20.6919)
contains.

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Color

**YUV(35.5940, -11.1388,
-20.6919)**

Conversions

Conversions Part 1

Format	Color
Hex	0C340D
RGB	12, 52, 13
RGB Percent	5%, 20%, 5%
CMY	0.9529, 0.7961, 0.9490
CMYK	0.77, 0.00, 0.75, 0.80
HSL	122°, 62%, 13%
HSV	122°, 77%, 20%
XYZ	1.4523, 2.5632, 0.7990
YIQ	35.5940, -11.3210, -20.6090

Conversions

Conversions Part 2

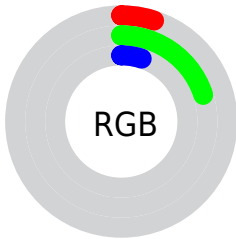
Format	Color
RYB	12, 51, 52
Decimal	799757
CIELab	18.20, -23.35, 19.95
CIELCh	18, 30.716, 139.485
Yxy	2.5632, 0.3016, 0.5324
Android (android.graphics.Color)	4278989837 (0xFF0C340D)
YUV	35.5940, -11.1388, -20.6919
Hunter-Lab	16.0100, -11.8259, 8.2482

Details

The YUV color **35.5940, -11.1388, -20.6919** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **28.4060, 11.1388, 20.6919**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.5510, -12.5966, -19.7772**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.5290, -12.5858, -23.2659**, and if you desaturate by 10%, it is **37.6590, -9.6919, -18.1179**.

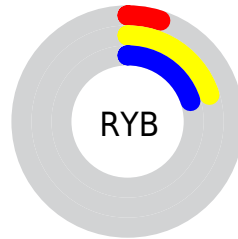
Distribution



Red (5%)

Green (20%)

Blue (5%)



Red (5%)

Yellow (20%)

Blue (20%)

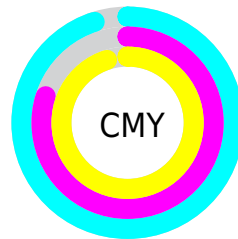


Cyan (77%)

Magenta (0%)

Yellow (75%)

Black (80%)



Cyan (95%)


Magenta (80%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 35.5940, -11.1388, -20.6919 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 35.5940, -11.1388, -20.6919 by changing the saturation by 10% instead.

 35.5940, -11.1388,
-20.6919

 35.5940, -11.1388,
-20.6919


 250.4850, -5.6621,
-3.9333


 18.7840, -9.2605,
-16.4736


 82.5510, -12.5966,
-19.7772

 0.0000, 0.0000,
0.0000

 107.0240,
-13.3228, -20.1920


 132.4970,
-14.0490, -20.6069


 158.9700,
-14.7752, -21.0217


 186.5570,
-15.0646, -21.5365


 214.1440,


-15.3540, -22.0513


 238.8070,
-14.2019, -18.2477


 35.5940, -11.1388,
-20.6919


 35.5940, -11.1388,
-20.6919


 33.5290, -12.5858,
-23.2659


 37.6590, -9.6919,
-18.1179


 31.4640, -14.0328,
-25.8399

 39.7240, -8.2449,
-15.5439

 30.6380, -14.6115,
-26.8695

 42.0880, -6.9454,
-12.3552

 44.1530, -5.4984,
-9.7812

 46.2180, -4.0515,
-7.2072

■ 48.2830, -2.6045,
-4.6332

■ 50.3480, -1.1576,
-2.0592

■ 52.8260, 0.5788,
1.0296

■ 54.8910, 2.0257,
3.6036

Harmonies

Analogous

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



40.7340, -20.0819, 1.1103



35.5940, -11.1388, -20.6919



35.8020, 0.0976, -31.3984

Triad

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



35.5940, -11.1388, -20.6919



38.7950, 24.2581, -34.0232



42.1510, -5.4974, 36.7016

Complementary

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



35.5940, -11.1388, -20.6919



28.4060, 11.1388, 20.6919

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.



43.4630, 4.7017, 32.0429



35.5940, -11.1388, -20.6919



42.6450, 21.8670, -13.7207

Square

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



35.5940, -11.1388, -20.6919



40.0030, 18.7325, -35.0826



46.0570, 13.7759, 14.8590



42.2460, -16.3903, 30.4793

Rectangle

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



35.5940, -11.1388, -20.6919



38.0990, 6.3602, -33.4128



46.0570, 13.7759, 14.8590



41.7750, -1.8611, 37.0313

Sweetspot

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



35.5940, -11.1388, -20.6919



62.3920, -4.6303, -8.2368



47.1410, -17.3245, 3.3843



31.8700, -2.8939, -5.1480



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



35.5940, -11.1388, -20.6919



43.0950, -17.7948, -32.5323



37.8740, -2.4029, -22.6915



24.7610, -0.8682, -1.5444



52.4710, -24.8822, -46.0171



127.9490, -60.6139, -112.2113

Inverse Universe

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



28.4060, 11.1388, 20.6919



31.7910, 17.3580, 32.6323



26.1260, 2.4029, 22.6915



24.1250, 0.4314, 1.6444



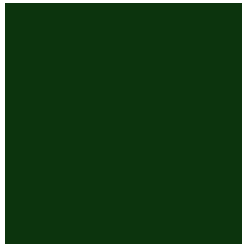
36.5290, 24.8822, 46.0171



88.9370, 60.1771, 112.3113

Previews

White Background



This preview shows how the YUV color 35.5940, -11.1388, -20.6919 looks on a white background.

Color Contrast Check

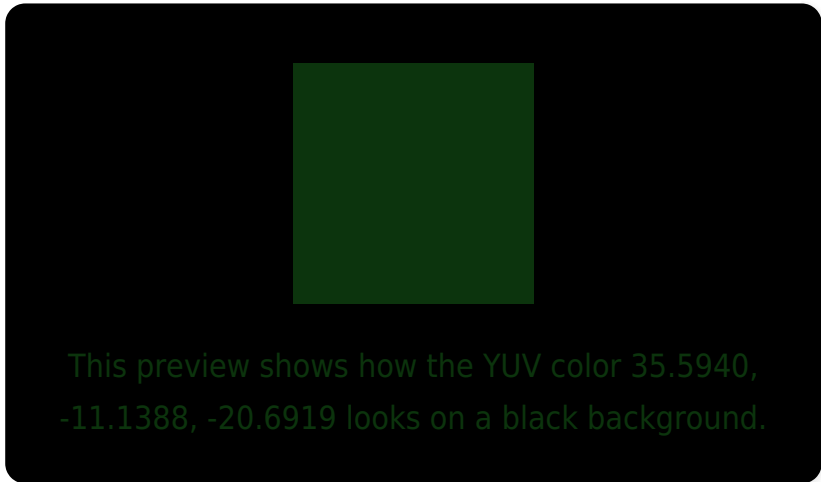
Large Text (above 18pt) WCAG AA ✓ Pass

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

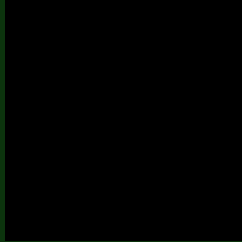
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.5940, -11.1388, -20.6919

Background



This preview shows how black text looks on a background with the YUV color 35.5940, -11.1388, -20.6919.



This preview shows how white text looks on a background with the YUV color 35.5940, -11.1388, -20.6919.

-20.6919.

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

35.5940, -11.1388, -20.6919

Protanopia

42.6190, -15.5882, 6.4731

Deuteranopia

43.9230, -13.2730, 10.5915



Tritanopia

41.2800, 5.2850, -15.1546

Trichromacy



Original Color

35.5940, -11.1388, -20.6919

Protanomaly

40.3080, -13.9558, -3.7781

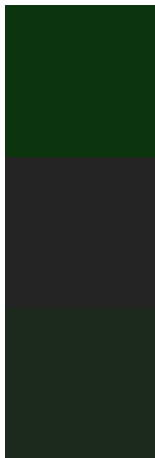
Deuteranomaly

40.7860, -12.2195, -0.6893

Tritanomaly

39.0750, -0.5300, -16.7288

Monochromacy



Original Color

35.5940, -11.1388, -20.6919

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.9190, -3.9041, -7.8220

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.5940, -11.1388, -20.6919 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(12, 52, 13)` looks like.

```
.text, #text, p{  
    color:rgb(12, 52, 13)  
}
```

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(12, 52, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 52, 13) }
```

Border

The CSS property to change the border of an element to YUV 35.5940, -11.1388, -20.6919 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(12, 52, 13) }
```


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

```
.border{ border-color:rgb(12, 52, 13) }
```

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

Here you see how a box with a 4 pixel rgb(12, 52, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 52, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 52, 13);  
box-shadow:4px 4px 4px 4px rgb(12, 52, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.5940, -11.1388, -20.6919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 52, 13) }
```

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

```
.background{ background-color: rgb(12, 52,  
13) }
```

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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