

Converting Colors

YUV(35.2100, -11.9355, 1.5698)

Have a look what the booklet for
YUV(35.2100, -11.9355, 1.5698)
contains.

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Color

**YUV(35.2100, -11.9355,
1.5698)**

Conversions

Conversions Part 1

Format	Color
Hex	25270B
RGB	37, 39, 11
RGB Percent	15%, 15%, 4%
CMY	0.8549, 0.8471, 0.9569
CMYK	0.05, 0.00, 0.72, 0.85
HSL	64°, 56%, 10%
HSV	64°, 72%, 15%
XYZ	1.5489, 1.8685, 0.5956
YIQ	35.2100, 7.7960, -9.1320

Conversions

Conversions Part 2

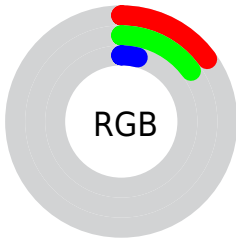
Format	Color
RYB	11, 39, 13
Decimal	2434827
CIELab	14.78, -5.92, 16.97
CIElCh	15, 17.967, 109.221
Yxy	1.8685, 0.3860, 0.4656
Android (android.graphics.Color)	4280624907 (0xFF25270B)
YUV	35.2100, -11.9355, 1.5698
Hunter-Lab	13.6694, -3.6956, 6.9850

Details

The YUV color **35.2100, -11.9355, 1.5698** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14.7900, 11.9355, -1.5698**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.0960, -12.3723, 1.6698**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.7540, -13.6827, 1.9697**, and if you desaturate by 10%, it is **35.6660, -10.1883, 1.1699**.

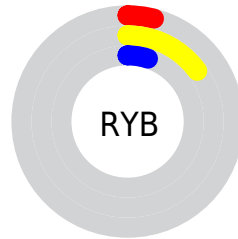
Distribution



Red (15%)

Green (15%)

Blue (4%)



Red (4%)

Yellow (15%)

Blue (5%)

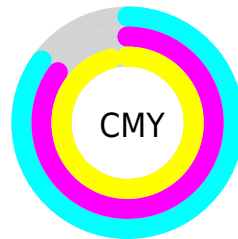


Cyan (5%)

Magenta (0%)

Yellow (72%)

Black (85%)



Cyan (85%)

Magenta (85%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.2100, -11.9355, 1.5698 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 35.2100, -11.9355, 1.5698 by changing the saturation by 10% instead.

■ 35.2100, -11.9355,
1.5698

■ 35.2100, -11.9355,
1.5698

■ 252.7200, -8.7360,
1.9996

■ 14.4420, -7.1199,
-3.0186

■ 80.0960, -12.3723,
1.6698

■ 0.0000, 0.0000,
0.0000

■ 104.2810,
-12.9565, 2.3846

■ 129.1670,
-13.3933, 2.4845

■ 155.3520,
-13.9775, 3.1993

■ 182.2380,
-14.4143, 3.2993

■ 209.8250,

-14.7037, 2.7845

■ 238.0100,
-15.2879, 3.4992

■ 35.2100, -11.9355,
1.5698

■ 35.2100, -11.9355,
1.5698

■ 34.7540, -13.6827,
1.9697

■ 35.6660, -10.1883,
1.1699

■ 33.9990, -15.2825,
1.7549

■ 36.4210, -8.5886,
1.3848

■ 33.6570, -16.5929,
2.0548

■ 36.8770, -6.8414,
0.9849

■ 37.3330, -5.0942,
0.5850

■ 37.7890, -3.3470,
0.1850

■ 38.4300, -2.1840,
0.4999

■ 38.8860, -0.4368,
0.1000

■ 39.3420, 1.3104,
-0.2999

■ 40.0970, 2.9102,
-0.0851

Harmonies

Analogous

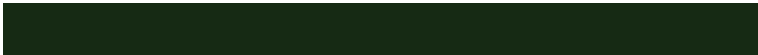
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.3360, -12.9836, 11.1063



35.2100, -11.9355, 1.5698



33.5120, -6.6614, -10.0960

Triad

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



35.2100, -11.9355, 1.5698



31.6250, 12.0169, -27.7351



37.9790, 1.9824, 17.5584

Complementary

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



35.2100, -11.9355, 1.5698



14.7900, 11.9355, -1.5698

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.



38.7050, 7.5404, 8.1517



35.2100, -11.9355, 1.5698



31.1460, 15.2110, -25.5610

Square

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



35.2100, -11.9355, 1.5698



30.9580, 6.9227, -27.1502



37.3550, 11.6570, -5.5733



37.5080, -3.7014, 20.6025

Rectangle

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



35.2100, -11.9355, 1.5698



31.1240, -1.5401, -19.4027



37.3550, 11.6570, -5.5733



38.4240, 3.7350, 15.4142

Sweetspot

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



35.2100, -11.9355, 1.5698



49.4470, -4.6574, 0.4850



20.5460, -4.7062, 16.1842



24.9030, -2.9102, 0.0851



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



35.2100, -11.9355, 1.5698



45.0870, -18.7769, 2.5547



31.0240, -9.8718, -7.0370



19.7720, -0.8736, 0.2000



72.6300, -35.8066, 4.7095



183.3470, -90.3901, 11.9737

Inverse Universe

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



14.7900, 11.9355, -1.5698



12.9130, 18.7769, -2.5547



18.9760, 9.8718, 7.0370



18.5270, 0.7262, 0.4148



11.3700, 35.8066, -4.7095



28.6530, 90.3901, -11.9737

Previews

White Background



This preview shows how the YUV color 35.2100, -11.9355, 1.5698 looks on a white background.

Color Contrast Check

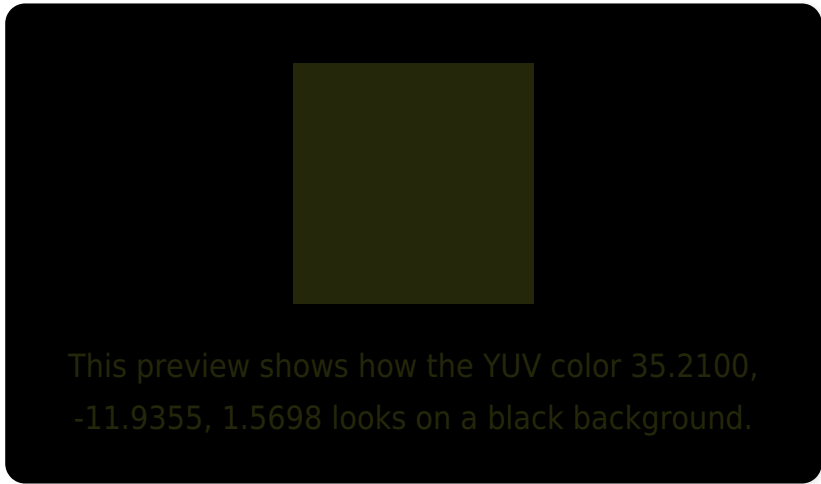
Large Text (above 18pt) WCAG AA ✓ Pass

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

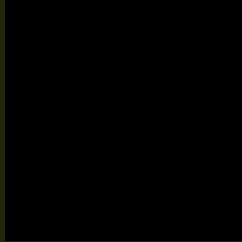
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.2100, -11.9355, 1.5698

Background



This preview shows how black text looks on a background with the YUV color 35.2100, -11.9355, 1.5698.



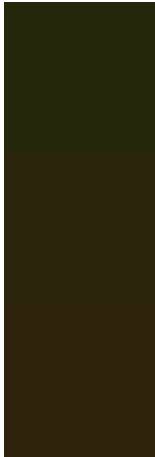
This preview shows how white text looks on a background with the YUV color 35.2100, -11.9355,

1.5698.

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

35.2100, -11.9355, 1.5698

Protanopia

35.5310, -12.0938, 5.6733

Deuteranopia

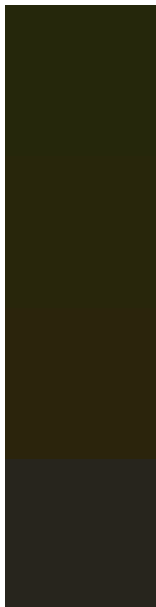
35.9660, -11.8152, 9.6768



Tritanopia

37.5380, 0.7208, 2.1592

Trichromacy



Original Color

35.2100, -11.9355, 1.5698

Protanomaly

35.5200, -12.0884, 3.9290

Deuteranomaly

35.3570, -11.5150, 6.7029

Tritanomaly

36.6860, -3.7892, 2.0294

Monochromacy



Original Color

35.2100, -11.9355, 1.5698

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.8600, -4.3680, 0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.2100, -11.9355, 1.5698 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(37, 39, 11)` looks like.

```
.text, #text, p{  
    color:rgb(37, 39, 11)  
}
```

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(37, 39, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 39, 11) }
```

Border

The CSS property to change the border of an element to YUV 35.2100, -11.9355, 1.5698 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(37, 39, 11) }
```


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

```
.border{ border-color:rgb(37, 39, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 39, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 39, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 39, 11);  
box-shadow:4px 4px 4px 4px rgb(37, 39, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.2100, -11.9355, 1.5698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 39, 11) }
```

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

```
.background{ background-color: rgb(37, 39,  
11) }
```

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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