

Converting Colors

YUV(35.2520, 11.2148, -3.7290)

Have a look what the booklet for
YUV(35.2520, 11.2148, -3.7290)
contains.

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Color

**YUV(35.2520, 11.2148,
-3.7290)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 1F213A |
| RGB | 31, 33, 58 |
| RGB Percent | 12%, 13%, 23% |
| CMY | 0.8784, 0.8706, 0.7725 |
| CMYK | 0.47, 0.43, 0.00, 0.77 |
| HSL | 236°, 30%, 17% |
| HSV | 236°, 47%, 23% |
| XYZ | 1.8727, 1.6845, 4.2294 |
| YIQ | 35.2520, -9.2170, 7.3510 |

Conversions

Conversions Part 2

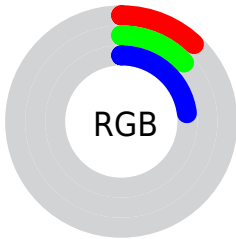
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 31, 33, 58 |
| Decimal | 2040122 |
| CIE Lab | 13.74, 6.87, -16.46 |
| CIE LCh | 14, 17.841, 292.654 |
| Yxy | 1.6845, 0.2405, 0.2163 |
| Android (android.graphics.Color) | 4280230202 (0xFF1F213A) |
| YUV | 35.2520, 11.2148, -3.7290 |
| Hunter-Lab | 12.9789, 3.0418, -10.2357 |

Details

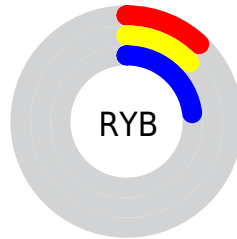
The YUV color **35.2520, 11.2148, -3.7290** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **53.7480, -11.2148, 3.7290**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.1920, 12.2303, -2.7994**, and **2.0690, 5.3890, -1.8145** is the 20% darker color. If you saturate the color by 10%, you get **30.5230, 13.5462, -4.8437**, and if you desaturate by 10%, it is **39.9810, 8.8834, -2.6143**.

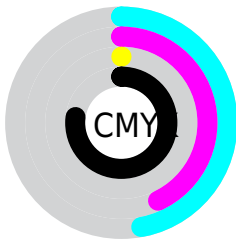
Distribution



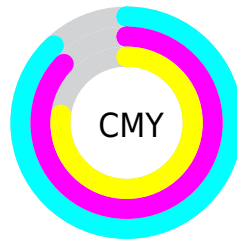
- Red (12%)
- Green (13%)
- Blue (23%)



- Red (12%)
- Yellow (13%)
- Blue (23%)



- Cyan (47%)
- Magenta (43%)
- Yellow (0%)
- Black (77%)



- Cyan (88%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.2520, 11.2148, -3.7290 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 35.2520, 11.2148, -3.7290 by changing the saturation by 10% instead.

■ 35.2520, 11.2148,
-3.7290

■ 35.2520, 11.2148,
-3.7290

■ 255.0000, 0.0000,
0.0000

■ 12.9640, 11.3567,
-2.5994

■ 80.1920, 12.2303,
-2.7994

■ 2.0690, 5.3890,
-1.8145

■ 104.4200, 13.1039,
-2.9993

■ 0.0000, 0.0000,
0.0000

■ 129.5340, 13.5407,
-3.0993

■ 155.6480, 13.9775,
-3.1993

■ 182.0610, 14.2669,
-2.6845

■ 210.1750, 14.7037,

-2.7845

236.6930, 9.0254,
-1.4848

35.2520, 11.2148,
-3.7290

35.2520, 11.2148,
-3.7290

30.5230, 13.5462,
-4.8437

39.9810, 8.8834,
-2.6143

25.2070, 16.1669,
-5.4435

45.2970, 6.2626,
-2.0145

20.7770, 18.3509,
-5.9434

49.7270, 4.0786,
-1.5146

16.0480, 20.6823,
-7.0581

54.4560, 1.7472,
-0.3999

10.7320, 23.3031,
-7.6580

59.7720, -0.8736,
0.2000

■ 8.9600, 24.1767,
-7.8579

■ 64.5010, -3.2050,
1.3146

■ 69.8170, -5.8258,
1.9145

■ 74.2470, -8.0098,
2.4144

■ 78.9760, -10.3412,
3.5290

Harmonies

Analogous

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



29.4560, 15.0582, -23.2019



35.2520, 11.2148, -3.7290



36.1890, 6.8088, 9.4812

Triad

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



35.2520, 11.2148, -3.7290



34.8790, -9.8003, 16.7691



27.6010, 1.6757, -24.2061

Complementary

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



35.2520, 11.2148, -3.7290



53.7480, -11.2148, 3.7290

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.



31.0280, -5.9298, -11.4256



35.2520, 11.2148, -3.7290



33.5100, -13.5624, 10.0767

Square

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



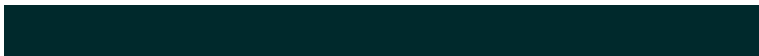
35.2520, 11.2148, -3.7290



34.9810, -4.4276, 20.1877



32.6120, -11.6407, 0.3403



29.0830, 7.3541, -25.5058

Rectangle

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



35.2520, 11.2148, -3.7290



36.3100, 3.2982, 15.5141



32.6120, -11.6407, 0.3403



28.3410, -0.6611, -21.3471

Sweetspot

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



35.2520, 11.2148, -3.7290



67.8410, 4.5154, -1.6146



49.6990, 3.1064, -16.3990



32.6840, 2.6208, -0.5999



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



35.2520, 11.2148, -3.7290



40.6630, 17.9141, -5.8435



37.3670, 10.1721, 4.0631



25.3420, 1.3104, -0.2999



14.5970, 38.1597, -12.8016



34.3580, 91.0285, -30.1320

Inverse Universe

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



39.3010, -3.1064, 16.3990



47.1990, -5.0281, 26.1355



51.6330, -10.1721, -4.0631



25.8970, -0.4422, 1.8443



28.3060, -10.5039, 55.8596



67.3050, -25.2934, 133.0365

Previews

White Background



This preview shows how the YUV color 35.2520, 11.2148, -3.7290 looks on a white background.

Color Contrast Check

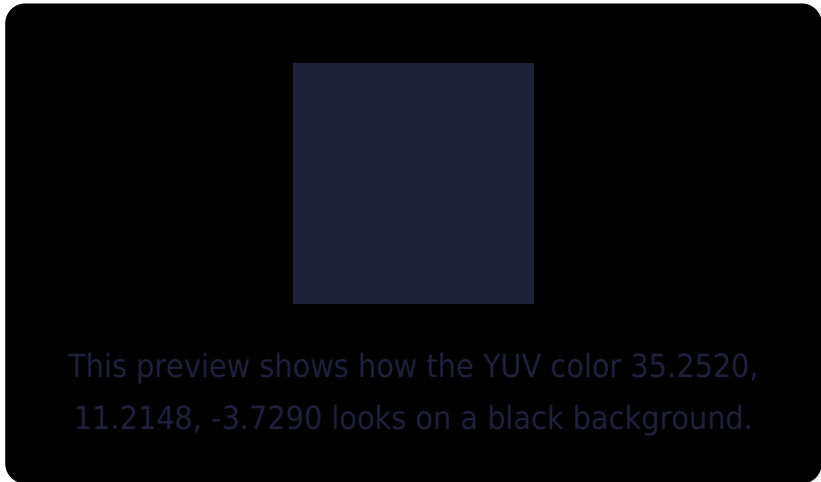
Large Text (above 18pt) WCAG AA ✓ Pass

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

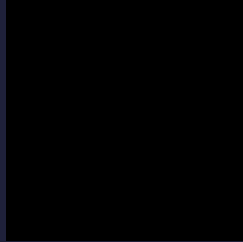
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.2520, 11.2148, -3.7290

Background



This preview shows how black text looks on a background with the YUV color 35.2520, 11.2148, -3.7290.



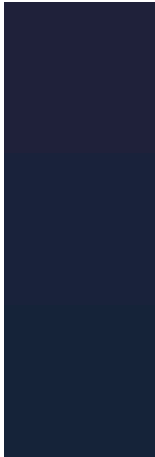
This preview shows how white text looks on a background with the YUV color 35.2520, 11.2148,

-3.7290.

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

35.2520, 11.2148, -3.7290

Protanopia

34.1590, 12.2466, -8.0324

Deuteranopia

33.3220, 11.6733, -10.8064



Tritanopia

34.0530, 2.9319, -7.0625

Trichromacy



Original Color

35.2520, 11.2148, -3.7290

Protanomaly

34.7570, 11.9518, -6.8029

Deuteranomaly

33.9310, 11.3730, -7.8325

Tritanomaly

34.8620, 5.9840, -6.0180

Monochromacy



Original Color

35.2520, 11.2148, -3.7290

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.0260, 3.9312, -0.8998

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.2520, 11.2148, -3.7290 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(31, 33, 58)` looks like.

```
.text, #text, p{  
    color:rgb(31, 33, 58)  
}
```

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(31, 33, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 33, 58) }
```

Border

The CSS property to change the border of an element to YUV 35.2520, 11.2148, -3.7290 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(31, 33, 58) }
```


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

```
.border{ border-color:rgb(31, 33, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 33, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 33, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 33, 58);  
box-shadow:4px 4px 4px 4px rgb(31, 33, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.2520, 11.2148, -3.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 33, 58) }
```

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

```
.background{ background-color: rgb(31, 33,  
58) }
```

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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