

Converting Colors

YUV(31.5290, 11.0782, -6.6029)

Have a look what the booklet for
YUV(31.5290, 11.0782, -6.6029)
contains.

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Color

**YUV(31.5290, 11.0782,
-6.6029)**

Conversions

Conversions Part 1

Format	Color
Hex	181F36
RGB	24, 31, 54
RGB Percent	9%, 12%, 21%
CMY	0.9059, 0.8784, 0.7882
CMYK	0.56, 0.43, 0.00, 0.79
HSL	226°, 38%, 15%
HSV	226°, 56%, 21%
XYZ	1.5325, 1.4405, 3.6873
YIQ	31.5290, -11.5550, 5.6690

Conversions

Conversions Part 2

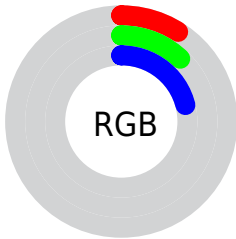
Format	Color
RYB	24, 30, 54
Decimal	1580854
CIELab	12.22, 4.66, -16.04
CIElCh	12, 16.706, 286.191
Yxy	1.4405, 0.2301, 0.2163
Android (android.graphics.Color)	4279770934 (0xFF181F36)
YUV	31.5290, 11.0782, -6.6029
Hunter-Lab	12.0021, 1.7887, -9.8137

Details

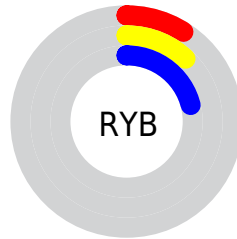
The YUV color **31.5290, 11.0782, -6.6029** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.4710, -11.0782, 6.6029**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.1700, 12.2412, -6.2881**, and **0.6840, 2.6208, -0.5999** is the 20% darker color. If you saturate the color by 10%, you get **27.6860, 12.9728, -7.6176**, and if you desaturate by 10%, it is **35.3720, 9.1836, -5.5882**.

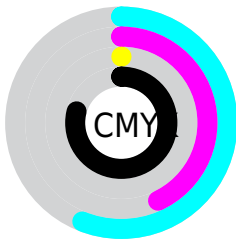
Distribution



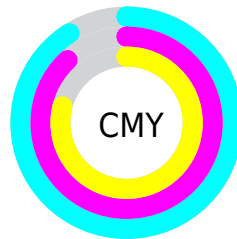
- Red (9%)
- Green (12%)
- Blue (21%)



- Red (9%)
- Yellow (12%)
- Blue (21%)



- Cyan (56%)
- Magenta (43%)
- Yellow (0%)
- Black (79%)



- Cyan (91%)
- Magenta (88%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.5290, 11.0782, -6.6029 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 31.5290, 11.0782, -6.6029 by changing the saturation by 10% instead.

■ 31.5290, 11.0782,
-6.6029

■ 31.5290, 11.0782,
-6.6029

■ 255.0000, 0.0000,
0.0000

■ 7.5830, 12.5306,
-5.7733

■ 76.1700, 12.2412,
-6.2881

■ 0.6840, 2.6208,
-0.5999

■ 99.6970, 12.9674,
-5.8733

■ 0.0000, 0.0000,
0.0000

■ 124.8110, 13.4042,
-5.9732

■ 150.9250, 13.8410,
-6.0732

■ 177.9250, 13.8410,
-6.0732

■ 205.0390, 14.2778,

-6.1732

■ 232.2410, 11.2202,
-5.4734

■ 31.5290, 11.0782,
-6.6029

■ 31.5290, 11.0782,
-6.6029

■ 27.6860, 12.9728,
-7.6176

■ 35.3720, 9.1836,
-5.5882

■ 23.5440, 15.0148,
-9.2471

■ 39.5140, 7.1416,
-3.9588

■ 19.7010, 16.9094,
-10.2618

■ 43.3570, 5.2470,
-2.9441

■ 14.9720, 19.2408,
-11.3764

■ 48.0860, 2.9156,
-1.8294

■ 13.7870, 19.8250,
-12.0912

■ 51.9290, 1.0210,
-0.8147

■ 55.7720, -0.8736,
0.2000

■ 59.9140, -2.9156,
1.8294

■ 63.7570, -4.8102,
2.8441

■ 67.8990, -6.8522,
4.4736

Harmonies

Analogous

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



26.7010, 13.4584, -23.4168



31.5290, 11.0782, -6.6029



32.9930, 7.3985, 7.0221

Triad

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



31.5290, 11.0782, -6.6029



31.6340, -8.2006, 16.9840



25.2810, 0.3545, -20.4174

Complementary

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



31.5290, 11.0782, -6.6029



46.4710, -11.0782, 6.6029

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.



28.8220, -6.8142, -7.7369



31.5290, 11.0782, -6.6029



30.7490, -12.6943, 11.6211

Square

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



31.5290, 11.0782, -6.6029



32.0240, -2.9698, 19.2730



29.8080, -12.2303, 2.7994



26.6380, 5.6015, -23.3615

Rectangle

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



31.5290, 11.0782, -6.6029



33.1140, 3.8878, 13.0550



29.8080, -12.2303, 2.7994



26.6190, -2.2772, -16.3289

Sweetspot

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



31.5290, 11.0782, -6.6029



62.1290, 4.3734, -2.7441



44.2320, 1.3646, -17.7435



30.3850, 2.7682, -1.2146



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.



31.5290, 11.0782, -6.6029



35.8150, 17.3462, -10.3618



29.8120, 11.9247, 1.9189



25.9290, 1.0210, -0.8147



22.8150, 34.1082, -20.0088



54.9030, 80.8998, -48.1499

Inverse Universe

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



33.7680, -1.3646, 17.7435



39.3070, -2.1234, 27.7948



48.1880, -11.9247, -1.9189



26.0110, -0.0054, 1.7444



29.9020, -4.3887, 54.4599



71.2950, -10.0054, 129.5373

Previews

White Background



This preview shows how the YUV color 31.5290, 11.0782, -6.6029 looks on a white background.

Color Contrast Check

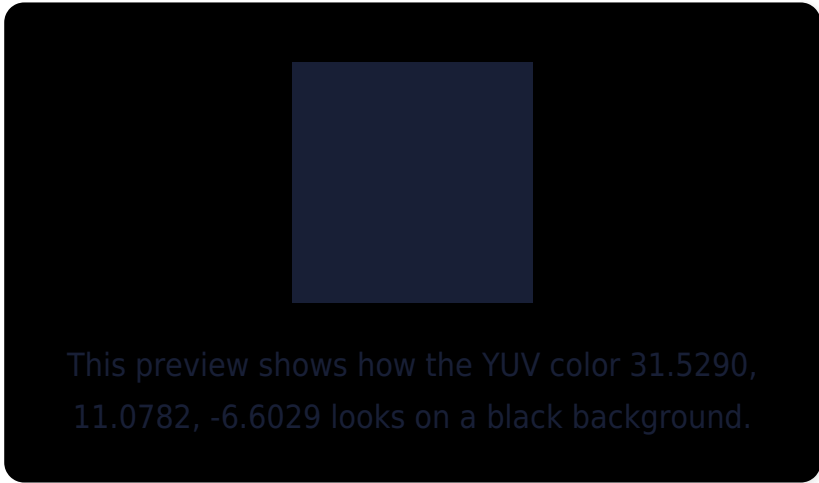
Large Text (above 18pt) WCAG AA ✓ Pass

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

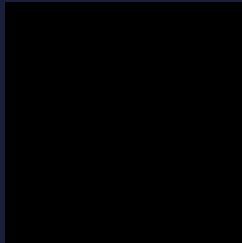
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.5290, 11.0782, -6.6029

Background



This preview shows how black text looks on a background with the YUV color 31.5290, 11.0782, -6.6029.



This preview shows how white text looks on a background with the YUV color 31.5290, 11.0782,

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

31.5290, 11.0782, -6.6029

Protanopia

30.9310, 11.3730, -7.8325

Deuteranopia

30.0230, 11.8207, -11.4212



Tritanopia

30.1450, 3.3795, -10.6512

Trichromacy



Original Color

31.5290, 11.0782, -6.6029

Protanomaly

31.2300, 11.2256, -7.2177

Deuteranomaly

30.9200, 11.3784, -9.5768

Tritanomaly

30.8400, 5.9949, -9.5067

Monochromacy



Original Color

31.5290, 11.0782, -6.6029

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.0150, 3.9366, -2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.5290, 11.0782, -6.6029 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(24, 31, 54)` looks like.

```
.text, #text, p{  
    color:rgb(24, 31, 54)  
}
```

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(24, 31, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 31, 54) }
```

Border

The CSS property to change the border of an element to YUV 31.5290, 11.0782, -6.6029 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(24, 31, 54) }
```


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

```
.border{ border-color:rgb(24, 31, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 31, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 31, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 31, 54);  
box-shadow:4px 4px 4px 4px rgb(24, 31, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.5290, 11.0782, -6.6029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 31, 54) }
```

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

```
.background{ background-color: rgb(24, 31,  
54) }
```

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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