

Converting Colors

YUV(29.4490, 5.6946, -6.5328)

Have a look what the booklet for
YUV(29.4490, 5.6946, -6.5328)
contains.

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Color

**YUV(29.4490, 5.6946,
-6.5328)**

Conversions

Conversions Part 1

Format	Color
Hex	161F29
RGB	22, 31, 41
RGB Percent	9%, 12%, 16%
CMY	0.9137, 0.8784, 0.8392
CMYK	0.46, 0.24, 0.00, 0.84
HSL	212°, 30%, 12%
HSV	212°, 46%, 16%
XYZ	1.2211, 1.3106, 2.2864
YIQ	29.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

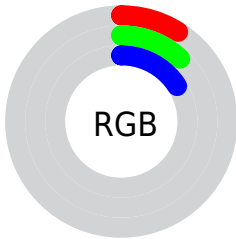
Format	Color
RYB	22, 28, 41
Decimal	1449769
CIELab	11.35, -0.78, -8.02
CIElCh	11, 8.061, 264.434
Yxy	1.3106, 0.2534, 0.2720
Android (android.graphics.Color)	4279639849 (0xFF161F29)
YUV	29.4490, 5.6946, -6.5328
Hunter-Lab	11.4483, -0.9954, -3.8275

Details

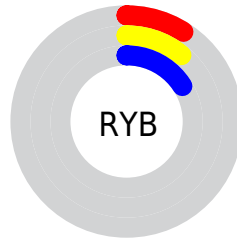
The YUV color **29.4490, 5.6946, -6.5328** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33.5510, -5.6946, 6.5328**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.2640, 6.2788, -7.2475**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.0790, 6.8631, -7.9623**, and if you desaturate by 10%, it is **31.8190, 4.5262, -5.1033**.

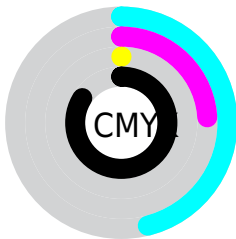
Distribution



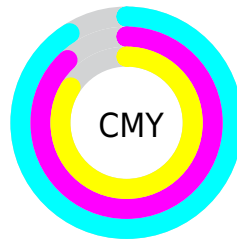
- Red (9%)
- Green (12%)
- Blue (16%)



- Red (9%)
- Yellow (11%)
- Blue (16%)



- Cyan (46%)
- Magenta (24%)
- Yellow (0%)
- Black (84%)



- Cyan (91%)
- Magenta (88%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.4490, 5.6946, -6.5328 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 29.4490, 5.6946, -6.5328 by changing the saturation by 10% instead.

■ 29.4490, 5.6946,
-6.5328

■ 29.4490, 5.6946,
-6.5328

■ 253.2060, 0.8844,
-3.6887

■ 5.9160, 7.4364,
-5.1883

■ 73.2640, 6.2788,
-7.2475

■ 0.0000, 0.0000,
0.0000

■ 96.6770, 6.5682,
-6.7327

■ 121.7910, 7.0050,
-6.8327

■ 147.4920, 7.1524,
-7.4475

■ 174.4920, 7.1524,
-7.4475

■ 201.6060, 7.5892,

-7.5475

■ 229.6060, 7.5892,
-7.5475

■ 29.4490, 5.6946,
-6.5328

■ 29.4490, 5.6946,
-6.5328

■ 27.0790, 6.8631,
-7.9623

■ 31.8190, 4.5262,
-5.1033

■ 24.7090, 8.0315,
-9.3918

■ 34.1890, 3.3578,
-3.6738

■ 22.3390, 9.1999,
-10.8213

■ 36.5590, 2.1894,
-2.2442

■ 19.3820, 10.6577,
-11.7360

■ 39.5160, 0.7316,
-1.3295

■ 17.0120, 11.8261,
-13.1655

■ 42.1850, -0.5842,
0.7148

■ 15.8270, 12.4103,
-13.8803

■ 44.5550, -1.7526,
2.1443

■ 46.9250, -2.9210,
3.5738

■ 49.2950, -4.0894,
5.0033

■ 51.6650, -5.2578,
6.4328

Harmonies

Analogous

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



28.0140, 5.4161, -10.5363



29.4490, 5.6946, -6.5328



30.5530, 4.6574, -0.4850

Triad

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



29.4490, 5.6946, -6.5328



30.4850, -2.2111, 9.2217



28.9840, -2.4571, -5.2480

Complementary

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



29.4490, 5.6946, -6.5328



33.5510, -5.6946, 6.5328

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.



29.1480, -4.5100, -0.1298



29.4490, 5.6946, -6.5328



30.4910, -4.6791, 7.4624

Square

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



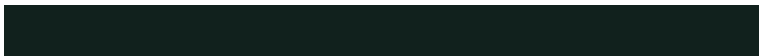
29.4490, 5.6946, -6.5328



30.7560, 0.1203, 8.1070



29.6540, -5.2524, 4.6884



27.7600, 0.6113, -9.4365

Rectangle

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



29.4490, 5.6946, -6.5328



30.9340, 3.4835, 2.6889



29.6540, -5.2524, 4.6884



28.7670, -3.3361, -3.3037

Sweetspot

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



29.4490, 5.6946, -6.5328



49.2600, 2.3368, -2.8590



34.2930, -1.1304, -10.7810



25.3310, 1.3158, -2.0443



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



29.4490, 5.6946, -6.5328



35.6380, 9.0525, -10.2065



24.1660, 8.2992, -1.8996



18.8150, 0.5842, -0.7148



33.0560, 25.1154, -28.9901



82.8680, 63.6621, -72.6752

Inverse Universe

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



28.7070, 1.1304, 10.7810



34.5660, 1.6930, 17.0436



38.8340, -8.2992, 1.8996



18.7120, 0.1420, 1.1296



29.6760, 5.0897, 47.6421



74.7880, 12.4295, 120.3349

Previews

White Background



This preview shows how the YUV color 29.4490, 5.6946, -6.5328 looks on a white background.

Color Contrast Check

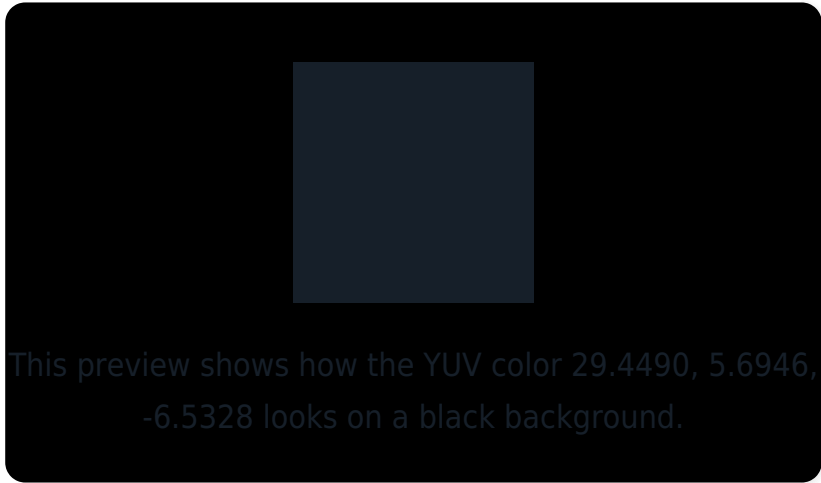
Large Text (above 18pt) WCAG AA ✓ Pass

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

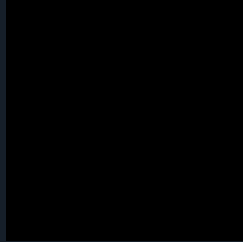
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

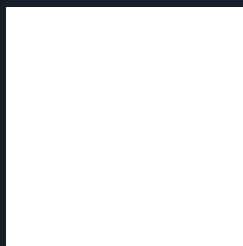
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 29.4490, 5.6946, -6.5328

Background



This preview shows how black text looks on a background with the YUV color 29.4490, 5.6946, -6.5328.



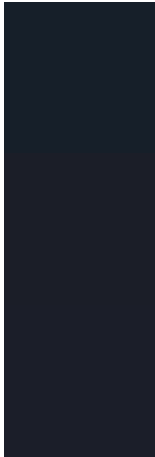
This preview shows how white text looks on a background with the YUV color 29.4490, 5.6946, -6.5328.

-6.5328.

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

29.4490, 5.6946, -6.5328

Protanopia

30.2430, 4.8102, -2.8441

Deuteranopia

30.3570, 5.2470, -2.9441



Tritanopia

28.7540, 3.0793, -7.6773

Trichromacy



Original Color

29.4490, 5.6946, -6.5328

Protanomaly

29.6450, 5.1050, -4.0737

Deuteranomaly

29.7590, 5.5418, -4.1736

Tritanomaly

29.2810, 3.8055, -7.2624

Monochromacy



Original Color

29.4490, 5.6946, -6.5328

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.1460, 1.9000, -2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.4490, 5.6946, -6.5328 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(22, 31, 41)` looks like.

```
.text, #text, p{  
    color:rgb(22, 31, 41)  
}
```

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(22, 31, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 31, 41) }
```

Border

The CSS property to change the border of an element to YUV 29.4490, 5.6946, -6.5328 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(22, 31, 41) }
```


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

```
.border{ border-color:rgb(22, 31, 41) }
```

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

Here you see how a box with a 4 pixel rgb(22, 31, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 31, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 31, 41);  
box-shadow:4px 4px 4px 4px rgb(22, 31, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.4490, 5.6946, -6.5328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 31, 41) }
```

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

```
.background{ background-color: rgb(22, 31,  
41) }
```

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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