

Converting Colors

YUV(41.5960, 22.8772,
-11.0467)

Have a look what the booklet for
YUV(41.5960, 22.8772, -11.0467)
contains.

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Color

**YUV(41.5960, 22.8772,
-11.0467)**

Conversions

Conversions Part 1

Format	Color
Hex	1D2758
RGB	29, 39, 88
RGB Percent	11%, 15%, 35%
CMY	0.8863, 0.8471, 0.6549
CMYK	0.67, 0.56, 0.00, 0.65
HSL	230°, 50%, 23%
HSV	230°, 67%, 35%
XYZ	2.9937, 2.4168, 9.5412
YIQ	41.5960, -21.6890, 13.1190

Conversions

Conversions Part 2

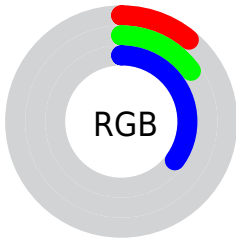
Format	Color
R _Y B	29, 38, 88
Decimal	1910616
CIE Lab	17.54, 13.34, -31.01
CIE LCh	18, 33.758, 293.280
Yxy	2.4168, 0.2002, 0.1616
Android (android.graphics.Color)	4280100696 (0xFF1D2758)
YUV	41.5960, 22.8772, -11.0467
Hunter-Lab	15.5462, 7.1673, -25.5061

Details

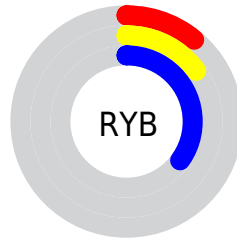
The YUV color **41.5960, 22.8772, -11.0467** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **75.4040, -22.8772, 11.0467**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.9600, 24.1767, -7.8579**, and **5.3750, 18.0561, -4.7139** is the 20% darker color. If you saturate the color by 10%, you get **34.7960, 26.2296, -12.9761**, and if you desaturate by 10%, it is **48.3960, 19.5248, -9.1173**.

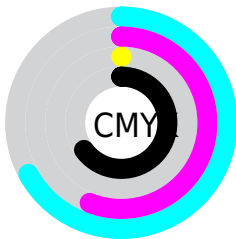
Distribution



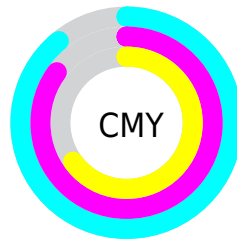
- Red (11%)
- Green (15%)
- Blue (35%)



- Red (11%)
- Yellow (15%)
- Blue (35%)



- Cyan (67%)
- Magenta (56%)
- Yellow (0%)
- Black (65%)



- Cyan (89%)
- Magenta (85%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.5960, 22.8772, -11.0467 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 41.5960, 22.8772, -11.0467 by changing the saturation by 10% instead.

■ 41.5960, 22.8772,
-11.0467

■ 41.5960, 22.8772,
-11.0467

■ 255.0000, 0.0000,
0.0000

■ 18.4490, 22.4566,
-16.1798

■ 88.9600, 24.1767,
-7.8579

■ 5.3750, 18.0561,
-4.7139

■ 113.9000, 25.1923,
-6.9283

■ 2.8670, 8.4466,
-2.5144

■ 139.4270, 25.9185,
-6.5135

■ 0.0000, 0.0000,
0.0000

■ 165.9540, 26.6447,
-6.0987

■ 193.1820, 27.5183,
-6.2986

■ 218.6740, 17.9087,

-4.0991

243.7810, 5.5310,
-0.6849

41.5960, 22.8772,
-11.0467

41.5960, 22.8772,
-11.0467

34.7960, 26.2296,
-12.9761

48.3960, 19.5248,
-9.1173

27.4090, 29.8714,
-14.3907

55.7830, 15.8830,
-7.7027

20.9080, 33.0764,
-15.7053

62.2840, 12.6780,
-6.3881

18.8370, 34.0974,
-16.5200

69.0840, 9.3256,
-4.4587

76.4710, 5.6838,
-3.0441

■ 83.2710, 2.3314,
-1.1147

■ 90.0710, -1.0210,
0.8147

■ 96.5720, -4.2260,
2.1294

■ 103.9590, -7.8678,
3.5440

Harmonies

Analogous

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



38.6640, 26.2946, -33.9083



41.5960, 22.8772, -11.0467



43.7910, 13.9070, 19.4773

Triad

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



41.5960, 22.8772, -11.0467



39.7470, -19.5953, 31.7939



35.3290, 0.8238, -30.9835

Complementary

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



41.5960, 22.8772, -11.0467



75.4040, -22.8772, 11.0467

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.



31.0770, -10.3910, -27.2545



41.5960, 22.8772, -11.0467



41.1210, -20.2727, 15.6799

Square

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



41.5960, 22.8772, -11.0467



38.9450, -6.3819, 40.3902



38.6520, -19.0554, -1.4488



38.7660, 11.4544, -33.9978

Rectangle

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



41.5960, 22.8772, -11.0467



41.3860, 8.1907, 32.9875



38.6520, -19.0554, -1.4488



34.3030, -3.1074, -30.0837

Sweetspot

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



41.5960, 22.8772, -11.0467



96.9700, 8.8888, -4.3587



69.1050, 3.8922, -35.1721



47.7700, 5.5364, -2.4293



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



41.5960, 22.8772, -11.0467



42.8800, 35.5552, -17.4348



41.4070, 22.9703, 5.7821



40.0430, 1.4578, -0.9147



22.7640, 41.5283, -19.9640



50.2700, 91.0719, -44.0868

Inverse Universe

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



47.7810, -4.3290, 35.2721



52.3320, -6.5727, 54.9598



75.5930, -22.9703, -5.7821



40.3100, -0.1528, 2.3591



34.0450, -7.9102, 63.9815



74.8250, -17.1687, 140.4735

Previews

White Background



This preview shows how the YUV color 41.5960, 22.8772, -11.0467 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



This preview shows how the YUV color 41.5960, 22.8772, -11.0467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

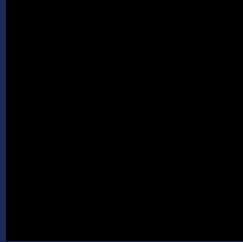
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.5960, 22.8772, -11.0467

Background



This preview shows how black text looks on a background with the YUV color 41.5960, 22.8772, -11.0467.



This preview shows how white text looks on a background with the YUV color 41.5960, 22.8772, -11.0467.

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

41.5960, 22.8772, -11.0467

Deuteranopia

34.6060, 20.9002, -30.3495

Tritanopia

34.1040, 8.8227, -29.9092

Trichromacy



Original Color

41.5960, 22.8772, -11.0467

Deuteranomaly

37.1770, 21.6047, -22.9572

Tritanomaly

37.1140, 13.7478, -22.9020

Monochromacy



Original Color

41.5960, 22.8772, -11.0467

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.8560, 8.4520, -4.2587

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.5960, 22.8772, -11.0467 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(29, 39, 88)` looks like.

```
.text, #text, p{  
    color:rgb(29, 39, 88)  
}
```

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(29, 39, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 39, 88) }
```

Border

The CSS property to change the border of an element to YUV 41.5960, 22.8772, -11.0467 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(29, 39, 88) }
```

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

```
.border{ border-color:rgb(29, 39, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 39, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 39, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 39, 88);  
box-shadow:4px 4px 4px 4px rgb(29, 39, 88)  
}
```


Background

The CSS property to change the background color of an element to YUV 41.5960, 22.8772, -11.0467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 39, 88) }
```

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

```
.background{ background-color: rgb(29, 39,  
88) }
```

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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