

Converting Colors

YUV(82.9720, 19.2408,
-11.3764)

Have a look what the booklet for
YUV(82.9720, 19.2408, -11.3764)
contains.

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Color

**YUV(82.9720, 19.2408,
-11.3764)**

Conversions

Conversions Part 1

Format	Color
Hex	46527A
RGB	70, 82, 122
RGB Percent	27%, 32%, 48%
CMY	0.7255, 0.6784, 0.5216
CMYK	0.43, 0.33, 0.00, 0.52
HSL	226°, 27%, 38%
HSV	226°, 43%, 48%
XYZ	9.0559, 8.7418, 19.6224
YIQ	82.9720, -19.9920, 9.8960

Conversions

Conversions Part 2

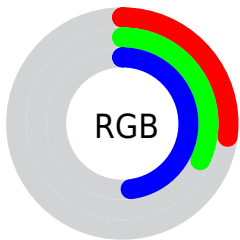
Format	Color
R_{YB}	70, 80, 122
Decimal	4608634
CIE _{Lab}	35.48, 6.46, -24.21
CIE _{LCh}	35, 25.054, 284.945
Yxy	8.7418, 0.2420, 0.2336
Android (android.graphics.Color)	4282798714 (0xFF46527A)
YUV	82.9720, 19.2408, -11.3764
Hunter-Lab	29.5666, 2.9312, -18.6523

Details

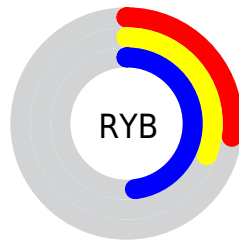
The YUV color **82.9720, 19.2408, -11.3764** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **109.0280, -19.2408, 11.3764**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.0260, 20.6932, -10.5468**, and **36.9070, 17.7938, -13.9504** is the 20% darker color. If you saturate the color by 10%, you get **74.1010, 23.6142, -14.1206**, and if you desaturate by 10%, it is **91.8430, 14.8674, -8.6323**.

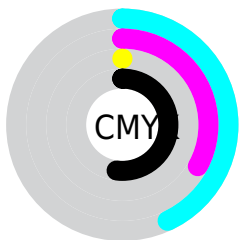
Distribution



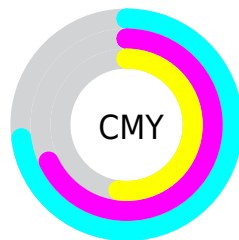
- Red (27%)
- Green (32%)
- Blue (48%)



- Red (27%)
- Yellow (31%)
- Blue (48%)



- Cyan (43%)
- Magenta (33%)
- Yellow (0%)
- Black (52%)



- Cyan (73%)
- Magenta (68%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.9720, 19.2408, -11.3764 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 82.9720, 19.2408, -11.3764 by changing the saturation by 10% instead.

■ 82.9720, 19.2408,
-11.3764

■ 82.9720, 19.2408,
-11.3764

■ 255.0000, 0.0000,
0.0000

■ 59.4450, 18.5146,
-11.7913

■ 133.0260, 20.6932,
-10.5468

■ 36.9070, 17.7938,
-13.9504

■ 159.1400, 21.1300,
-10.6468

■ 15.6790, 16.9203,
-13.7505

■ 186.2540, 21.5668,
-10.7468

■ 4.4800, 12.0884,
-3.9290

■ 213.9120, 20.2564,
-10.4468

■ 0.0000, 0.0000,
0.0000

■ 238.7200, 8.0260,
-7.6474

■ 82.9720, 19.2408,
-11.3764

■ 82.9720, 19.2408,
-11.3764

■ 74.1010, 23.6142,
-14.1206

■ 91.8430, 14.8674,
-8.6323

■ 64.6430, 28.2770,
-16.3499

■ 101.3010, 10.2046,
-6.4030

■ 55.4730, 32.7978,
-19.7088

■ 110.4710, 5.6838,
-3.0441

■ 46.0150, 37.4606,
-21.9382

■ 119.9290, 1.0210,
-0.8147

■ 37.1440, 41.8340,
-24.6823

■ 128.8000, -3.3524,
1.9294


■ 30.3440, 45.1864,
-26.6117

■ 137.6710, -7.7258,
4.6735

■ 147.1290,
-12.3886, 6.9029

■ 156.2990,

-16.9094, 10.2618

 165.1700,
-21.2828, 13.0059

Harmonies

Analogous

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



75.1320, 23.1059, -37.8268



82.9720, 19.2408, -11.3764



86.0950, 12.7712, 10.4407

Triad

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



82.9720, 19.2408, -11.3764



83.9300, -13.7695, 29.8794



73.8620, -0.9180, -32.3280

Complementary

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



82.9720, 19.2408, -11.3764



109.0280, -19.2408, 11.3764

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.



78.1220, -11.8921, -12.3850



82.9720, 19.2408, -11.3764



82.8980, -18.6837, 19.3835

Square

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



82.9720, 19.2408, -11.3764



84.8300, -5.3392, 32.5981



80.6250, -18.0561, 4.7139



65.7800, 13.4195, -57.6891

Rectangle

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



82.9720, 19.2408, -11.3764



85.7930, 7.4971, 22.1065



80.6250, -18.0561, 4.7139



76.1680, -5.0128, -25.5803

Sweetspot

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



82.9720, 19.2408, -11.3764



142.6280, 7.5784, -4.0588



105.0840, 2.4236, -30.7687



69.2430, 4.8102, -2.8441



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



82.9720, 19.2408, -11.3764



97.3870, 29.8822, -17.8794



80.1140, 20.6498, 3.4080



56.2710, 2.3314, -1.1147



31.2730, 46.2074, -27.4264



62.7740, 93.2884, -55.0528

Inverse Universe

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



86.9160, -2.4236, 30.7687



103.3850, -3.6408, 47.8974



111.8860, -20.6498, -3.4080



56.9080, -0.4476, 3.5887



40.6810, -5.7587, 73.9478



81.9600, -11.8123, 149.1251

Previews

White Background



This preview shows how the YUV color 82.9720, 19.2408, -11.3764 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 82.9720, 19.2408, -11.3764 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 82.9720, 19.2408, -11.3764

Background



This preview shows how black text looks on a background with the YUV color 82.9720, 19.2408, -11.3764.



This preview shows how white text looks on a background with the YUV color 82.9720, 19.2408,

-11.3764.

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

82.9720, 19.2408, -11.3764

Protanopia

82.9720, 19.2408, -11.3764

Deuteranopia

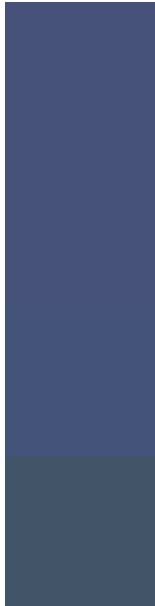
82.6620, 19.3936, -13.7356



Tritanopia

80.6220, 6.5954, -15.4545

Trichromacy



Original Color

82.9720, 19.2408, -11.3764

Protanomaly

82.9720, 19.2408, -11.3764

Deuteranomaly

82.9610, 19.2462, -13.1208

Tritanomaly

81.4850, 11.0999, -13.5803

Monochromacy



Original Color

82.9720, 19.2408, -11.3764

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1010, 6.8522, -4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9720, 19.2408, -11.3764 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(70, 82, 122)` looks like.

```
.text, #text, p{  
    color:rgb(70, 82, 122)  
}
```

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(70, 82, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 82, 122) }
```

Border

The CSS property to change the border of an element to YUV 82.9720, 19.2408, -11.3764 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(70, 82, 122) }
```


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

```
.border{ border-color:rgb(70, 82, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 82, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 82, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 82, 122);  
box-shadow:4px 4px 4px 4px rgb(70, 82,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 82.9720, 19.2408, -11.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 82, 122) }
```

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

```
.background{ background-color: rgb(70, 82,  
122) }
```

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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