

Converting Colors

YUV(71.9700, 55.7238,
-46.4547)

Have a look what the booklet for
YUV(71.9700, 55.7238, -46.4547)
contains.

YUV(71.9700, 55.7238, -46.4547)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(71.9700, 55.7238,
-46.4547)**

Conversions

Conversions Part 1

Format	Color
Hex	134DB9
RGB	19, 77, 185
RGB Percent	7%, 30%, 73%
CMY	0.9255, 0.6980, 0.2745
CMYK	0.90, 0.58, 0.00, 0.27
HSL	219°, 81%, 40%
HSV	219°, 90%, 73%
XYZ	11.6794, 8.9490, 47.0107
YIQ	71.9700, -69.2360, 21.2920

Conversions

Conversions Part 2

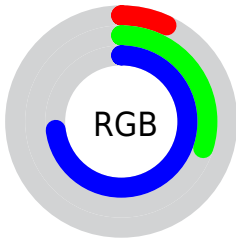
Format	Color
R_{YB}	19, 62, 185
Decimal	1265081
CIE _{Lab}	35.89, 24.93, -61.70
CIE _{LCh}	36, 66.550, 292.002
Yxy	8.9490, 0.1727, 0.1323
Android (android.graphics.Color)	4279455161 (0xFF134DB9)
YUV	71.9700, 55.7238, -46.4547
Hunter-Lab	29.9149, 17.3392, -72.2329

Details

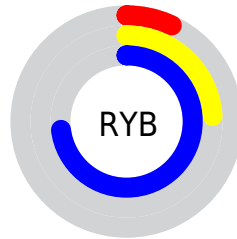
The YUV color **71.9700, 55.7238, -46.4547** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **132.0300, -55.7238, 46.4547**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.5640, 54.9379, -27.6816**, and **34.8920, 47.3812, -30.6003** is the 20% darker color. If you saturate the color by 10%, you get **59.2450, 61.9972, -51.9579**, and if you desaturate by 10%, it is **84.3960, 49.5978, -41.5663**.

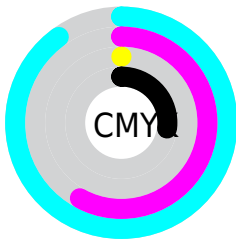
Distribution



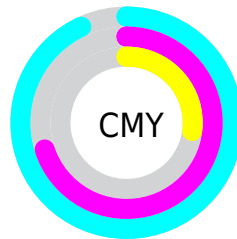
- Red (7%)
- Green (30%)
- Blue (73%)



- Red (7%)
- Yellow (24%)
- Blue (73%)



- Cyan (90%)
- Magenta (58%)
- Yellow (0%)
- Black (27%)



- Cyan (93%)
- Magenta (70%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.9700, 55.7238, -46.4547 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 71.9700, 55.7238, -46.4547 by changing the saturation by 10% instead.

■ 71.9700, 55.7238,
-46.4547

■ 71.9700, 55.7238,
-46.4547

■ 255.0000, 0.0000,
0.0000

■ 50.2970, 53.0976,
-44.1105

■ 130.5640, 54.9379,
-27.6816

■ 34.8920, 47.3812,
-30.6003

■ 156.5770, 48.5225,
-23.3080

■ 21.3620, 41.2335,
-18.7345

■ 181.3960, 36.2868,
-18.7643

■ 12.0550, 33.4969,
-10.5722

■ 206.2150, 24.0510,
-14.2206

■ 9.3190, 23.0137,
-8.1728

■ 231.6210, 11.5258,
-10.1916

■ 5.0500, 14.2723,
-4.4289

■ 253.5050, 0.7370,

■ 0.7980, 3.0576,

-3.0739

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 71.9700, 55.7238,
-46.4547

■ 71.9700, 55.7238,
-46.4547

■ 59.2450, 61.9972,
-51.9579

■ 84.3960, 49.5978,
-41.5663

■ 97.1210, 43.3243,
-36.0631

■ 109.5470, 37.1983,
-31.1747

■ 122.2720, 30.9249,
-25.6715

■ 134.6980, 24.7989,
-20.7831

■ 147.4230, 18.5255,
-15.2800

■ 159.8490, 12.3994,
-10.3916

■ 172.5740, 6.1260,
-4.8884

■ 185.2990, -0.1474,
0.6148

Harmonies

Analogous

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



78.2400, 56.0837, -68.6165



71.9700, 55.7238, -46.4547



82.5100, 33.7656, 43.4027

Triad

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



71.9700, 55.7238, -46.4547



74.7980, -36.8754, 67.7062



69.3870, -0.6838, -60.8524

Complementary

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



71.9700, 55.7238, -46.4547



132.0300, -55.7238, 46.4547

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.



59.9880, -29.0811, -52.6095



71.9700, 55.7238, -46.4547



79.8830, -39.3823, 31.6746

Square

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



71.9700, 55.7238, -46.4547



57.3130, -4.0983, 101.4575



74.6240, -36.7896, -6.6862



76.2440, 23.0507, -66.8660

Rectangle

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



71.9700, 55.7238, -46.4547



64.0530, 27.0889, 85.0225



74.6240, -36.7896, -6.6862



66.6340, -8.6936, -58.4380

Sweetspot

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



71.9700, 55.7238, -46.4547



195.9110, 21.7359, -18.3389



128.7540, -0.8647, -96.2543



93.6640, 12.9836, -11.1063



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



71.9700, 55.7238, -46.4547



76.6680, 80.5227, -67.2378



45.3990, 68.8233, -1.2269



85.7870, 3.0630, -2.4442



49.4820, 52.5134, -43.3957



9.0620, 9.3364, -7.9474

Inverse Universe

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



75.2460, 0.8647, 96.2543



81.3360, 1.3134, 139.1483



158.6010, -68.8233, 1.2269



86.0330, -0.0163, 5.2331



52.8000, 0.5916, 90.5064



9.5120, 0.2406, 16.2140

Previews

White Background



This preview shows how the YUV color 71.9700, 55.7238, -46.4547 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 71.9700, 55.7238, -46.4547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

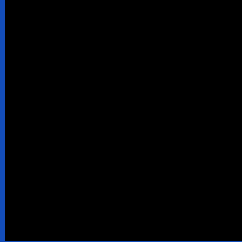
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.9700, 55.7238, -46.4547

Background



This preview shows how black text looks on a background with the YUV color 71.9700, 55.7238, -46.4547.



This preview shows how white text looks on a background with the YUV color 71.9700, 55.7238, -46.4547.

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

71.9700, 55.7238, -46.4547

Protanopia

67.1550, 51.6886, -58.8949

Deuteranopia

67.3540, 39.7585, -59.0695



Tritanopia

65.8770, 16.3296, -57.7741

Trichromacy



Original Color

71.9700, 55.7238, -46.4547

Protanomaly

69.2310, 53.1301, -54.5766

Deuteranomaly

69.1680, 45.2732, -54.5213

Tritanomaly

67.9820, 30.5749, -53.4812

Monochromacy



Original Color

71.9700, 55.7238, -46.4547

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1670, 20.1307, -16.8095

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9700, 55.7238, -46.4547 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(19, 77, 185)` looks like.

```
.text, #text, p{  
    color:rgb(19, 77, 185)  
}
```

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(19, 77, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 77, 185) }
```

Border

The CSS property to change the border of an element to YUV 71.9700, 55.7238, -46.4547 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(19, 77, 185) }
```


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

```
.border{ border-color:rgb(19, 77, 185) }
```

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

Here you see how a box with a 4 pixel rgb(19, 77, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 77, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 77, 185);  
box-shadow:4px 4px 4px 4px rgb(19, 77,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 71.9700, 55.7238, -46.4547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 77, 185) }
```

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

```
.background{ background-color: rgb(19, 77,  
185) }
```

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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