

Converting Colors

YUV(72.8610, 54.7915, 19.4159)

Have a look what the booklet for
YUV(72.8610, 54.7915, 19.4159)
contains.

YUV(72.8610, 54.7915, 19.4159)	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(72.8610, 54.7915,
19.4159)**

Conversions

Conversions Part 1

Format	Color
Hex	5F28B8
RGB	95, 40, 184
RGB Percent	37%, 16%, 72%
CMY	0.6275, 0.8431, 0.2784
CMYK	0.48, 0.78, 0.00, 0.28
HSL	263°, 64%, 44%
HSV	263°, 78%, 72%
XYZ	14.1298, 7.4112, 46.0332
YIQ	72.8610, -13.4440, 56.4440

Conversions

Conversions Part 2

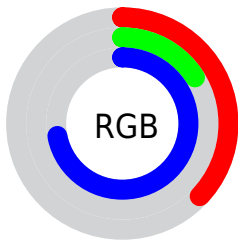
Format	Color
RYB	95, 40, 184
Decimal	6236344
CIELab	32.73, 54.85, -66.10
CIELCh	33, 85.892, 309.687
Yxy	7.4112, 0.2091, 0.1097
Android (android.graphics.Color)	4284426424 (0xFF5F28B8)
YUV	72.8610, 54.7915, 19.4159
Hunter-Lab	27.2235, 45.0061, -81.1992

Details

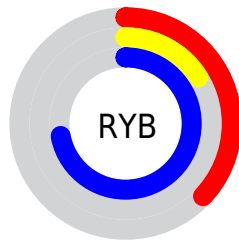
The YUV color **72.8610, 54.7915, 19.4159** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **151.1390, -54.7915, -19.4159**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.2250, 56.0911, 22.6047**, and **23.4910, 52.5089, 4.8314** is the 20% darker color. If you saturate the color by 10%, you get **59.0060, 61.6220, 21.9197**, and if you desaturate by 10%, it is **86.7160, 47.9610, 16.9121**.

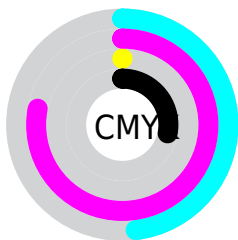
Distribution



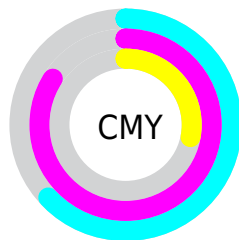
- Red (37%)
- Green (16%)
- Blue (72%)



- Red (37%)
- Yellow (16%)
- Blue (72%)



- Cyan (48%)
- Magenta (78%)
- Yellow (0%)
- Black (28%)



- Cyan (63%)
- Magenta (84%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8610, 54.7915, 19.4159 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 72.8610, 54.7915, 19.4159 by changing the saturation by 10% instead.

72.8610, 54.7915,
19.4159

72.8610, 54.7915,
19.4159

255.0000, 0.0000,
0.0000

42.5020, 55.9545,
19.7307

127.2250, 56.0911,
22.6047

23.4910, 52.5089,
4.8314

153.0530, 50.2599,
26.2635

11.8560, 45.4270,
-10.3977

177.5730, 38.1715,
30.1925

8.8920, 34.0702,
-7.7983

202.3920, 25.9357,
34.7362

9.0910, 22.1401,
-7.9728

222.7150, 15.9165,
28.3139

4.8220, 13.3988,
-4.2289

239.7380, 7.5242,

0.4560, 1.7472,

13.3848

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 72.8610, 54.7915,
19.4159

■ 72.8610, 54.7915,
19.4159

■ 59.0060, 61.6220,
21.9197

■ 86.7160, 47.9610,
16.9121

■ 44.2650, 68.8894,
24.3236

■ 101.4570, 40.6937,
14.5082

■ 41.9060, 70.0523,
24.6384

■ 115.3120, 33.8632,
12.0044

■ 129.7540, 26.7433,
8.9857

■ 143.9080, 19.7654,
7.0967

■ 157.7630, 12.9348,
4.5928

■ 172.5040, 5.6675,
2.1890

■ 186.3590, -1.1630,
-0.3148

■ 200.8010, -8.2829,
-3.3335

Harmonies

Analogous

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



72.0570, 70.4709, -63.1940



72.8610, 54.7915, 19.4159



64.5960, 30.2722, 90.6853

Triad

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



72.8610, 54.7915, 19.4159



70.8670, -34.9374, 52.7366



70.4590, 13.5777, -61.7925

Complementary

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



72.8610, 54.7915, 19.4159



151.1390, -54.7915, -19.4159

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.



60.7350, -18.6034, -53.2646



72.8610, 54.7915, 19.4159



70.5590, -34.7856, 3.8948

Square

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



72.8610, 54.7915, 19.4159



50.8300, -25.0592, 104.5121



55.1780, -27.2028, -48.3911



78.5700, 42.1170, -68.9059

Rectangle

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



72.8610, 54.7915, 19.4159



64.5490, 8.1103, 105.6355



55.1780, -27.2028, -48.3911



67.2500, 3.8207, -58.9783

Sweetspot

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



72.8610, 54.7915, 19.4159



197.5490, 20.9283, 7.4115



109.8330, 36.5643, -61.2435



93.7630, 12.9348, 4.5928



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.



72.8610, 54.7915, 19.4159



65.4780, 86.0393, 30.2758



93.7910, 44.4730, 62.4503



84.9230, 3.4890, 0.9445



35.4250, 59.4435, 20.6753



6.4810, 10.6089, 3.9632

Inverse Universe

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



93.2020, 17.6484, 79.6298



97.5340, 27.8377, 124.9427



130.2090, -44.4730, -62.4503



86.2610, 0.8573, 5.0331



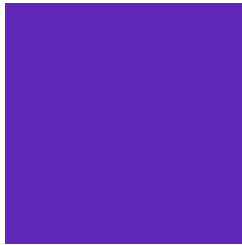
57.5880, 18.9371, 86.3073



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 72.8610, 54.7915, 19.4159 looks on a white background.

Color Contrast Check

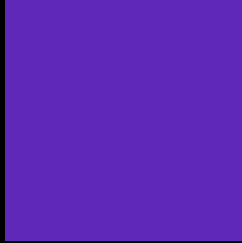
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.8610, 54.7915, 19.4159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

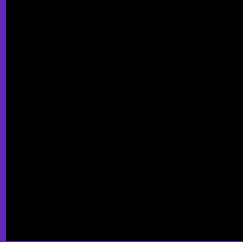
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.8610, 54.7915, 19.4159

Background



This preview shows how black text looks on a background with the YUV color 72.8610, 54.7915, 19.4159.



This preview shows how white text looks on a background with the YUV color 72.8610, 54.7915,

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

72.8610, 54.7915, 19.4159

Protanopia

61.9230, 46.8730, -54.3065

Deuteranopia

62.3500, 35.8165, -54.6809



Tritanopia

76.3950, 4.2423, -7.3624

Trichromacy



Original Color

72.8610, 54.7915, 19.4159

Protanomaly

65.8970, 49.8438, -27.0967

Deuteranomaly

66.0620, 42.8604, -27.2414

Tritanomaly

75.2710, 22.5444, 2.3933

Monochromacy



Original Color

72.8610, 54.7915, 19.4159

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9080, 19.7654, 7.0967

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8610, 54.7915, 19.4159 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(95, 40, 184)` looks like.

```
.text, #text, p{  
    color:rgb(95, 40, 184)  
}
```

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(95, 40, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 40, 184) }
```

Border

The CSS property to change the border of an element to YUV 72.8610, 54.7915, 19.4159 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(95, 40, 184) }
```


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

```
.border{ border-color:rgb(95, 40, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 40, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 40, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 40, 184);  
box-shadow:4px 4px 4px 4px rgb(95, 40,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 72.8610, 54.7915, 19.4159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 40, 184) }
```

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

```
.background{ background-color: rgb(95, 40,  
184) }
```

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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