

Converting Colors

YUV(75.9610, 5.9352, 9.6812)

Have a look what the booklet for
YUV(75.9610, 5.9352, 9.6812)
contains.

YUV(75.9610, 5.9352, 9.6812)	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(75.9610, 5.9352,
9.6812)**

Conversions

Conversions Part 1

Format	Color
Hex	574458
RGB	87, 68, 88
RGB Percent	34%, 27%, 35%
CMY	0.6588, 0.7333, 0.6549
CMYK	0.01, 0.23, 0.00, 0.65
HSL	297°, 13%, 31%
HSV	297°, 23%, 35%
XYZ	7.7591, 6.8651, 10.1487
YIQ	75.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

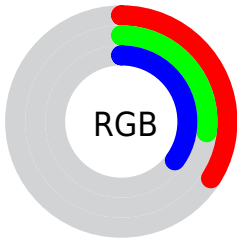
Format	Color
RYB	87, 68, 88
Decimal	5719128
CIELab	31.50, 12.17, -8.79
CIElCh	31, 15.010, 324.165
Yxy	6.8651, 0.3132, 0.2771
Android (android.graphics.Color)	4283909208 (0xFF574458)
YUV	75.9610, 5.9352, 9.6812
Hunter-Lab	26.2013, 7.0075, -4.6242

Details

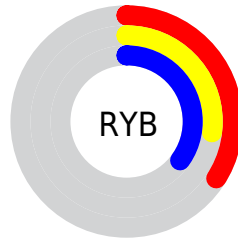
The YUV color **75.9610, 5.9352, 9.6812** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **80.0390, -5.9352, -9.6812**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.7870, 6.5140, 10.7108**, and **31.8360, 5.5039, 8.0368** is the 20% darker color. If you saturate the color by 10%, you get **70.6780, 8.5397, 14.3144**, and if you desaturate by 10%, it is **81.2440, 3.3307, 5.0480**.

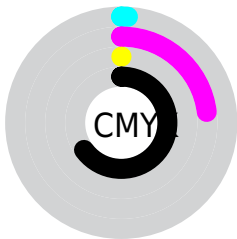
Distribution



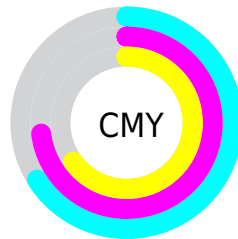
- Red (34%)
- Green (27%)
- Blue (35%)



- Red (34%)
- Yellow (27%)
- Blue (35%)



- Cyan (1%)
- Magenta (23%)
- Yellow (0%)
- Black (65%)



- Cyan (66%)
- Magenta (73%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.9610, 5.9352, 9.6812 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 75.9610, 5.9352, 9.6812 by changing the saturation by 10% instead.

■ 75.9610, 5.9352,
9.6812

■ 75.9610, 5.9352,
9.6812

■ 255.0000, 0.0000,
0.0000

■ 53.5480, 5.6458,
9.1664

■ 124.7870, 6.5140,
10.7108

■ 31.8360, 5.5039,
8.0368

■ 150.7870, 6.5140,
10.7108

■ 9.2000, 6.8034,
11.2256

■ 177.4990, 6.6560,
11.8404

■ 0.0000, 0.0000,
0.0000

■ 205.2000, 6.8034,
11.2256

■ 233.6130, 7.0928,
11.7404

■ 253.2390, 0.8682,

1.5444

■ 75.9610, 5.9352,
9.6812

■ 75.9610, 5.9352,
9.6812

■ 70.6780, 8.5397,
14.3144

■ 81.2440, 3.3307,
5.0480

■ 65.0960, 11.2917,
18.3328

■ 86.8260, 0.5788,
1.0296

■ 60.4000, 13.6068,
22.4512

■ 91.5220, -1.7363,
-3.0888

■ 54.8180, 16.3587,
26.4696

■ 97.1040, -4.4883,
-7.1072

■ 49.5350, 18.9632,
31.1028

■ 102.3870, -7.0928,
-11.7404

■ 43.9530, 21.7152,
35.1212

■ 107.9690, -9.8447,
-15.7588

■ 38.6700, 24.3197,
39.7544

■ 113.2520,
-12.4492, -20.3920

■ 35.1480, 26.0560,
42.8432

■ 118.2470,
-14.9118, -23.8956

■ 123.5300,
-17.5163, -28.5288

Harmonies

Analogous

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



74.9210, 9.8989, -1.6847



75.9610, 5.9352, 9.6812



76.2240, 0.3826, 17.3436

Triad

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



75.9610, 5.9352, 9.6812



74.0800, -11.3784, 9.5768



68.6700, 7.0647, -26.0206

Complementary

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



75.9610, 5.9352, 9.6812



80.0390, -5.9352, -9.6812

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.



69.3950, 0.7913, -20.5174



75.9610, 5.9352, 9.6812



72.3670, -10.0409, 0.5551

Square

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



75.9610, 5.9352, 9.6812



74.9930, -9.3635, 16.6691



70.8540, -5.3510, -10.3960



69.5330, 11.5692, -24.1464

Rectangle

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



75.9610, 5.9352, 9.6812



75.9100, -3.4066, 19.3729



70.8540, -5.3510, -10.3960



68.5130, 5.1701, -25.0059

Sweetspot

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



75.9610, 5.9352, 9.6812



110.0050, 2.4625, 3.5036



70.8670, 8.4466, -2.5144



55.7660, 1.5944, 1.9592



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.



75.9610, 5.9352, 9.6812



96.2050, 9.2659, 14.7292



75.2340, 1.8566, 11.1958



40.6520, 1.1576, 2.0592



42.6960, 31.7019, 52.0096



93.4670, 69.7758, 113.6004

Inverse Universe

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



74.0940, -2.5113, 12.1956



93.3830, -4.1328, 18.9581



80.7660, -1.8566, -11.1958



40.1960, -0.5896, 2.4591



32.5630, -13.5886, 65.2812



71.6330, -29.3991, 143.2729

Previews

White Background



This preview shows how the YUV color 75.9610, 5.9352, 9.6812 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 75.9610, 5.9352, 9.6812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

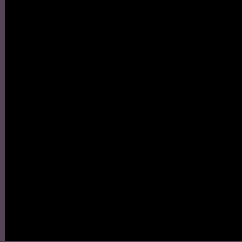
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.9610, 5.9352, 9.6812

Background



This preview shows how black text looks on a background with the YUV color 75.9610, 5.9352, 9.6812.



This preview shows how white text looks on a background with the YUV color 75.9610, 5.9352,

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

75.9610, 5.9352, 9.6812

Protanopia

74.8560, 8.4520, -4.2587

Deuteranopia

74.6070, 6.1097, 0.3447



Tritanopia

75.1690, 0.4097, 8.6218

Trichromacy



Original Color

75.9610, 5.9352, 9.6812

Protanomaly

75.3620, 7.7095, 0.5595

Deuteranomaly

75.2160, 5.8095, 3.3186

Tritanomaly

75.3370, 2.2989, 9.3515

Monochromacy



Original Color

75.9610, 5.9352, 9.6812

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8910, 2.0257, 3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.9610, 5.9352, 9.6812 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(87, 68, 88)` looks like.

```
.text, #text, p{  
    color:rgb(87, 68, 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(87, 68, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 68, 88) }
```

Border

The CSS property to change the border of an element to YUV 75.9610, 5.9352, 9.6812 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(87, 68, 88) }
```


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

```
.border{ border-color:rgb(87, 68, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 68, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 68, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 68, 88);  
box-shadow:4px 4px 4px 4px rgb(87, 68, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.9610, 5.9352, 9.6812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 68, 88) }
```

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

```
.background{ background-color: rgb(87, 68,  
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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