

Converting Colors

YUV(59.8620, 90.2870, 21.1690)

Have a look what the booklet for
YUV(59.8620, 90.2870, 21.1690)
contains.

YUV(59.8620, 90.2870, 21.1690)	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>	30

Color

**YUV(59.8620, 90.2870,
21.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	540CF3
RGB	84, 12, 243
RGB Percent	33%, 5%, 95%
CMY	0.6706, 0.9529, 0.0471
CMYK	0.65, 0.95, 0.00, 0.05
HSL	259°, 91%, 50%
HSV	259°, 95%, 95%
XYZ	19.9653, 8.6188, 85.4053
YIQ	59.8620, -31.2390, 87.1050

Conversions

Conversions Part 2

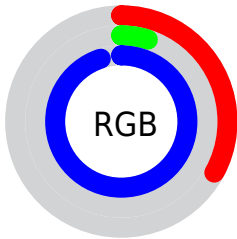
Format	Color
R _Y B	84, 12, 243
Decimal	5508339
CIE Lab	35.24, 76.36, -96.10
CIE LCh	35, 122.747, 308.470
Yxy	8.6188, 0.1752, 0.0756
Android (android.graphics.Color)	4283698419 (0xFF540CF3)
YUV	59.8620, 90.2870, 21.1690
Hunter-Lab	29.3578, 70.0157, -151.9310

Details

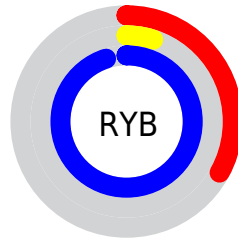
The YUV color **59.8620, 90.2870, 21.1690** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **195.1380, -90.2870, -21.1690**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.4890, 65.8209, 28.5121**, and **21.0900, 80.8076, -18.4959** is the 20% darker color. If you saturate the color by 10%, you get **50.4260, 94.9390, 22.4284**, and if you desaturate by 10%, it is **79.0330, 80.8357, 19.2651**.

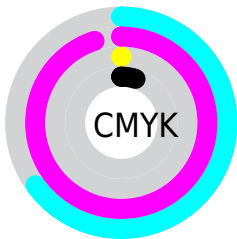
Distribution



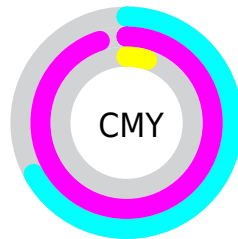
- Red (33%)
- Green (5%)
- Blue (95%)



- Red (33%)
- Yellow (5%)
- Blue (95%)



- Cyan (65%)
- Magenta (95%)
- Yellow (0%)
- Black (5%)



- Cyan (67%)
- Magenta (95%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.8620, 90.2870, 21.1690 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 59.8620, 90.2870, 21.1690 by changing the saturation by 10% instead.

■ 59.8620, 90.2870,
21.1690

■ 59.8620, 90.2870,
21.1690

■ 255.0000, 0.0000,
0.0000

■ 35.1600, 88.1681,
0.7367

■ 121.4890, 65.8209,
28.5121

■ 21.0900, 80.8076,
-18.4959

■ 147.4930, 53.0010,
33.7706

■ 17.8980, 68.5773,
-15.6965

■ 173.4970, 40.1810,
39.0291

■ 14.8200, 56.7837,
-12.9971

■ 199.5010, 27.3610,
44.2876

■ 16.4380, 42.6751,
-14.4161

■ 217.4320, 18.5210,
32.9471

■ 14.7620, 31.1763,
-12.9463

■ 234.4550, 10.1287,

■ 9.0910, 22.1401,

18.0180

-7.9728

252.0650, 1.4470,
2.5740

4.8220, 13.3988,
-4.2289

0.4560, 1.7472,
-0.3999

59.8620, 90.2870,
21.1690

59.8620, 90.2870,
21.1690

50.4260, 94.9390,
22.4284

79.0330, 80.8357,
19.2651

98.4920, 71.2424,
16.2315

117.6630, 61.7911,
14.3275

136.8340, 52.3398,
12.4236

■ 156.0050, 42.8885,
10.5196

■ 175.4640, 33.2952,
7.4861

■ 194.6350, 23.8439,
5.5821

■ 213.8060, 14.3926,
3.6781

■ 233.5640, 4.6519,
1.2594

Harmonies

Analogous

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



84.8350, 83.8913, -74.4003



59.8620, 90.2870, 21.1690



80.2040, 38.3534, 112.0771

Triad

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



59.8620, 90.2870, 21.1690



71.2980, -35.1499, 74.2837



78.2840, 15.6360, -68.6551

Complementary

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



59.8620, 90.2870, 21.1690



195.1380, -90.2870, -21.1690

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.



63.9830, -31.5436, -56.1131



59.8620, 90.2870, 21.1690



74.9670, -36.9587, 0.9059

Square

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



59.8620, 90.2870, 21.1690



63.0890, -31.1029, 129.7179



61.0480, -30.0967, -53.5391



91.1030, 57.1372, -79.8973

Rectangle

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



59.8620, 90.2870, 21.1690



80.2690, 6.2764, 133.9451



61.0480, -30.0967, -53.5391



73.8210, 1.0742, -64.7410

Sweetspot

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



59.8620, 90.2870, 21.1690



196.3130, 28.9327, 6.7415



133.4280, 54.0190, -106.4924



92.3160, 17.5922, 4.1079



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



59.8620, 90.2870, 21.1690



52.6910, 99.7383, 23.0730



93.6490, 73.6300, 90.6388



112.5640, 4.6519, 1.2594



38.5460, 72.6948, 17.0612



12.1080, 23.1178, 5.1673

Inverse Universe

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



99.1950, 35.3999, 126.1170



96.3090, 39.2877, 139.1720



161.3510, -73.6300, -90.6388



114.6140, 2.1623, 6.4775



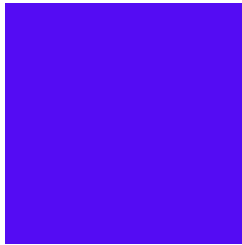
70.2060, 28.4924, 101.5513



22.2010, 8.7749, 32.2727

Previews

White Background



This preview shows how the YUV color 59.8620, 90.2870, 21.1690 looks on a white background.

Color Contrast Check

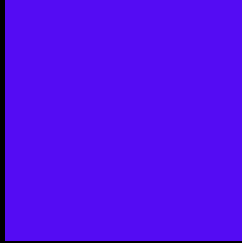
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.8620, 90.2870, 21.1690 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 59.8620, 90.2870, 21.1690

Background



This preview shows how black text looks on a background with the YUV color 59.8620, 90.2870, 21.1690.



This preview shows how white text looks on a background with the YUV color 59.8620, 90.2870,

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

59.8620, 90.2870, 21.1690

Protanopia

66.1120, 50.2308, -57.9802

Tritanopia

65.2900, 16.6190, -57.2593

Trichromacy



Original Color

59.8620, 90.2870, 21.1690

Protanomaly

63.7840, 64.6895, -28.7516

Tritanomaly

63.4640, 43.1552, -28.4709

Monochromacy



Original Color

59.8620, 90.2870, 21.1690

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.3500, 32.8585, 7.5860

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.8620, 90.2870, 21.1690 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(84, 12, 243)` looks like.

```
.text, #text, p{  
    color:rgb(84, 12, 243)  
}
```

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(84, 12, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 12, 243) }
```

Border

The CSS property to change the border of an element to YUV 59.8620, 90.2870, 21.1690 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(84, 12, 243) }
```

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

```
.border{ border-color:rgb(84, 12, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 12, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 12, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 12, 243);  
box-shadow:4px 4px 4px 4px rgb(84, 12,  
243) }
```


Background

The CSS property to change the background color of an element to YUV 59.8620, 90.2870, 21.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 12, 243) }
```

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

```
.background{ background-color: rgb(84, 12,  
243) }
```

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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