

Converting Colors

YUV(77.9020, 59.2083, 2.7169)

Have a look what the booklet for
YUV(77.9020, 59.2083, 2.7169)
contains.

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Color

**YUV(77.9020, 59.2083,
2.7169)**

Conversions

Conversions Part 1

Format	Color
Hex	5135C6
RGB	81, 53, 198
RGB Percent	32%, 21%, 78%
CMY	0.6824, 0.7922, 0.2235
CMYK	0.59, 0.73, 0.00, 0.22
HSL	252°, 58%, 49%
HSV	252°, 73%, 78%
XYZ	14.8595, 8.3728, 54.2590
YIQ	77.9020, -29.8570, 51.0310

Conversions

Conversions Part 2

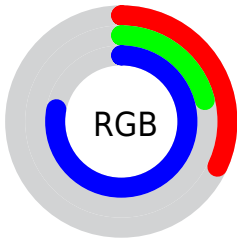
Format	Color
R_{YB}	81, 53, 198
Decimal	5322182
CIE _{Lab}	34.75, 50.62, -71.07
CIE _{LCh}	35, 87.250, 305.460
Yxy	8.3728, 0.1918, 0.1080
Android (android.graphics.Color)	4283512262 (0xFF5135C6)
YUV	77.9020, 59.2083, 2.7169
Hunter-Lab	28.9357, 41.0284, -90.9231

Details

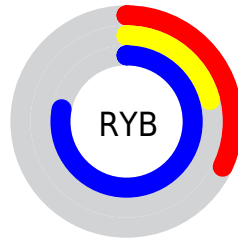
The YUV color **77.9020, 59.2083, 2.7169** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **173.0980, -59.2083, -2.7169**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9890, 60.6444, 8.7796**, and **17.4760, 61.8833, -15.3265** is the 20% darker color. If you saturate the color by 10%, you get **61.3780, 67.3546, 3.1765**, and if you desaturate by 10%, it is **94.4260, 51.0620, 2.2574**.

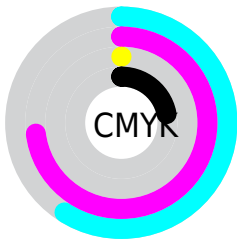
Distribution



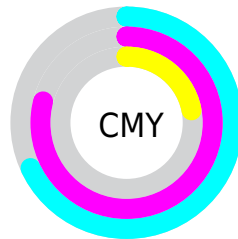
- Red (32%)
- Green (21%)
- Blue (78%)



- Red (32%)
- Yellow (21%)
- Blue (78%)



- Cyan (59%)
- Magenta (73%)
- Yellow (0%)
- Black (22%)



- Cyan (68%)
- Magenta (79%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9020, 59.2083, 2.7169 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 77.9020, 59.2083, 2.7169 by changing the saturation by 10% instead.

■ 77.9020, 59.2083,
2.7169

■ 77.9020, 59.2083,
2.7169

■ 255.0000, 0.0000,
0.0000

■ 49.5700, 59.3720,
-3.1309

■ 131.9890, 60.6444,
8.7796

■ 17.4760, 61.8833,
-15.3265

■ 156.2210, 48.6980,
13.8382

■ 13.2240, 50.6686,
-11.5974

■ 180.4530, 36.7517,
18.8967

■ 10.3740, 39.7486,
-9.0980

■ 205.8590, 24.2265,
22.9257

■ 11.6330, 26.8029,
-10.2021

■ 229.1720, 12.7332,
22.6512

■ 6.6630, 17.9141,
-5.8435

■ 245.6080, 4.6303,

■ 2.9810, 8.8834,

8.2368

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 77.9020, 59.2083,
2.7169

■ 77.9020, 59.2083,
2.7169

■ 61.3780, 67.3546,
3.1765

■ 94.4260, 51.0620,
2.2574

■ 44.8540, 75.5010,
3.6360

■ 110.9500, 42.9157,
1.7979

■ 33.9340, 80.8845,
3.5659

■ 126.8870, 35.0587,
1.8531

■ 143.4110, 26.9124,
1.3936

■ 159.9350, 18.7660,
0.9340

■ 176.4590, 10.6197,
0.4745

■ 192.9830, 2.4734,
0.0149

■ 208.9200, -5.3836,
0.0702

■ 225.4440,
-13.5299, -0.3894

Harmonies

Analogous

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



77.8930, 72.5238, -68.3122



77.9020, 59.2083, 2.7169



66.6050, 36.6767, 89.8004

Triad

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



77.9020, 59.2083, 2.7169



73.5800, -36.2749, 61.7583



72.8240, 9.9468, -63.8666

Complementary

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



77.9020, 59.2083, 2.7169



173.0980, -59.2083, -2.7169

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.



62.3020, -25.2919, -54.6389



77.9020, 59.2083, 2.7169



75.9190, -37.4281, 11.4720

Square

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



77.9020, 59.2083, 2.7169



54.4180, -26.8281, 111.8894



57.5260, -28.3603, -50.4503



81.2770, 39.7964, -71.2799

Rectangle

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



77.9020, 59.2083, 2.7169



68.0530, 13.7779, 107.8245



57.5260, -28.3603, -50.4503



70.0880, -0.5364, -61.4672

Sweetspot

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



77.9020, 59.2083, 2.7169



208.6730, 22.8392, 1.1638



138.7960, 29.1876, -75.2431



99.9690, 13.8193, 0.9042



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.



77.9020, 59.2083, 2.7169



69.3930, 91.5043, 4.0403



99.1310, 48.7424, 46.3661



91.3250, 3.7838, -0.2850



28.1500, 66.4810, 3.3765



6.1970, 14.6929, 0.7042

Inverse Universe

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



109.6930, 29.7314, 77.4452



118.6100, 46.0413, 119.6140



151.8690, -48.7424, -46.3661



93.6030, 2.1677, 4.7332



63.7850, 33.6300, 87.0116



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 77.9020, 59.2083, 2.7169 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 77.9020, 59.2083, 2.7169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

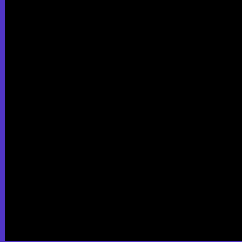
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.9020, 59.2083, 2.7169

Background



This preview shows how black text looks on a background with the YUV color 77.9020, 59.2083, 2.7169.



This preview shows how white text looks on a background with the YUV color 77.9020, 59.2083,

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

77.9020, 59.2083, 2.7169

Protanopia

65.2970, 49.6466, -57.2655

Deuteranopia

65.4960, 37.7165, -57.4400



Tritanopia

73.9510, 10.8702, -33.2830

Trichromacy



Original Color

77.9020, 59.2083, 2.7169

Protanomaly

70.0530, 53.2179, -36.0035

Deuteranomaly

69.9900, 45.3609, -35.9482

Tritanomaly

75.3220, 28.4353, -20.4534

Monochromacy



Original Color

77.9020, 59.2083, 2.7169

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0320, 21.6762, 0.8489

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9020, 59.2083, 2.7169 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(81, 53, 198)` looks like.

```
.text, #text, p{  
    color:rgb(81, 53, 198)  
}
```

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(81, 53, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 53, 198) }
```

Border

The CSS property to change the border of an element to YUV 77.9020, 59.2083, 2.7169 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(81, 53, 198) }
```


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

```
.border{ border-color:rgb(81, 53, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 53, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 53, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 53, 198);  
box-shadow:4px 4px 4px 4px rgb(81, 53,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 77.9020, 59.2083, 2.7169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 53, 198) }
```

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

```
.background{ background-color: rgb(81, 53,  
198) }
```

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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