

Converting Colors

YUV(124.2820, 59.5140,
-2.0013)

Have a look what the booklet for
YUV(124.2820, 59.5140, -2.0013)
contains.

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Color

**YUV(124.2820, 59.5140,
-2.0013)**

Conversions

Conversions Part 1

Format	Color
Hex	7A66F5
RGB	122, 102, 245
RGB Percent	48%, 40%, 96%
CMY	0.5216, 0.6000, 0.0392
CMYK	0.50, 0.58, 0.00, 0.04
HSL	248°, 88%, 68%
HSV	248°, 58%, 96%
XYZ	29.2588, 20.2329, 88.7494
YIQ	124.2820, -33.9830, 48.7130

Conversions

Conversions Part 2

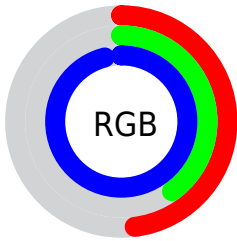
Format	Color
R _Y B	122, 102, 245
Decimal	8021749
CIE Lab	52.10, 44.07, -69.41
CIE LCh	52, 82.221, 302.414
Yxy	20.2329, 0.2117, 0.1464
Android (android.graphics.Color)	4286211829 (0xFF7A66F5)
YUV	124.2820, 59.5140, -2.0013
Hunter-Lab	44.9810, 37.3924, -85.4950

Details

The YUV color $124.2820, 59.5140, -2.0013$ is a light color, and the websafe version is hex $6666FF$. A complement of this color would be $222.7180, -59.5140, 2.0013$, and the grayscale version is $124.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $173.8860, 39.9892, 7.1160$, and $70.4720, 57.9413, -10.9379$ is the 20% darker color. If you saturate the color by 10%, you get $103.9150, 69.5549, -2.5565$, and if you desaturate by 10%, it is $145.2360, 49.1837, -1.9610$.

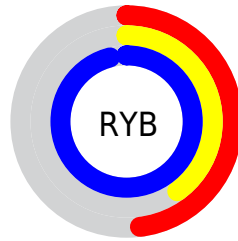
Distribution



Red (48%)

Green (40%)

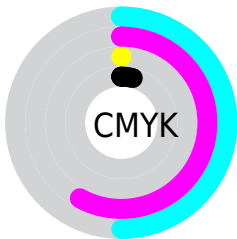
Blue (96%)



Red (48%)

Yellow (40%)

Blue (96%)

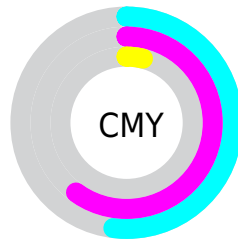


Cyan (50%)

Magenta (58%)

Yellow (0%)

Black (4%)



Cyan (52%)

Magenta (60%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.2820, 59.5140, -2.0013 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 124.2820, 59.5140, -2.0013 by changing the saturation by 10% instead.

■ 124.2820, 59.5140,
-2.0013

■ 124.2820, 59.5140,
-2.0013

255.0000, 0.0000,
0.0000

■ 97.0320, 58.6512,
-5.2901

■ 173.8860, 39.9892,
7.1160

■ 70.4720, 57.9413,
-10.9379

■ 198.7050, 27.7534,
11.6597

■ 37.3340, 60.4743,
-30.1109

■ 224.1110, 15.2283,
15.6887

■ 20.4450, 55.4896,
-17.9303

■ 244.4340, 5.2090,
9.2664

■ 12.1980, 46.7374,
-10.6976

■ 11.1090, 34.9493,
-9.7426

■ 9.5470, 23.8873,

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 124.2820, 59.5140,
-2.0013

■ 124.2820, 59.5140,
-2.0013

■ 103.9150, 69.5549,
-2.5565

■ 145.2360, 49.1837,
-1.9610

■ 82.9610, 79.8852,
-2.5968

■ 165.6030, 39.1427,
-1.4058

■ 62.0070, 90.2155,
-2.6371

■ 186.5570, 28.8124,
-1.3655

■ 41.6400, 100.2565,
-3.1923

■ 206.9240, 18.7715,
-0.8103

■ 38.0960, 102.0037,
-3.5922

■ 227.8780, 8.4411,
-0.7700

■ 248.2450, -1.5998,
-0.2149

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



106.5540, 73.1839, -93.4479



124.2820, 59.5140, -2.0013



116.8490, 36.5564, 81.6934

Triad

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



124.2820, 59.5140, -2.0013



115.2770, -56.8316, 75.1791



104.4030, 11.6333, -91.5614

Complementary

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



124.2820, 59.5140, -2.0013



222.7180, -59.5140, 2.0013

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.



94.0920, -20.2584, -82.5187



124.2820, 59.5140, -2.0013



116.4420, -57.4059, 25.9224

Square

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



124.2820, 59.5140, -2.0013



104.7820, -25.5285, 115.0782



104.2950, -51.4174, -28.3227



112.4970, 42.6460, -98.6599

Rectangle

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



124.2820, 59.5140, -2.0013



92.6760, 25.7957, 126.5721



104.2950, -51.4174, -28.3227



100.9660, 1.0028, -88.5472

Sweetspot

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



124.2820, 59.5140, -2.0013



216.3370, 19.0609, -0.2955



191.0900, 26.5776, -78.1319



103.5020, 12.0775, -0.4403



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.



124.2820, 59.5140, -2.0013



104.4680, 74.2123, -3.0414



145.5110, 49.0481, 41.6479



111.9660, 4.9468, 0.0298



28.9780, 77.4118, -2.6117



9.1180, 24.5918, -0.9805

Inverse Universe

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



158.7790, 32.6470, 75.6158



147.6640, 40.5916, 94.1337



201.4890, -49.0481, -41.6479



114.8420, 3.0359, 6.2776



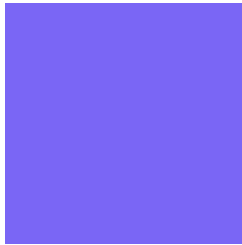
73.8540, 42.4700, 98.3520



23.3410, 13.1429, 31.2729

Previews

White Background



This preview shows how the YUV color 124.2820, 59.5140, -2.0013 looks on a white background.

Color Contrast Check

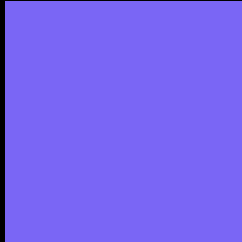
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 124.2820, 59.5140, -2.0013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

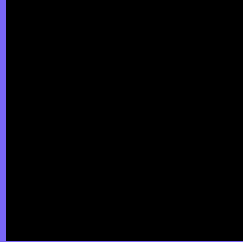
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.2820, 59.5140, -2.0013

Background



This preview shows how black text looks on a background with the YUV color 124.2820, 59.5140, -2.0013.



This preview shows how white text looks on a background with the YUV color 124.2820, 59.5140, -2.0013.

-2.0013.

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

124.2820, 59.5140, -2.0013

Protanopia

98.8090, 76.5092, -86.6555

Deuteranopia

99.7430, 59.7797, -87.4746



Tritanopia

119.2940, 10.7011, -25.6908

Trichromacy



Original Color

124.2820, 59.5140, -2.0013

Protanomaly

108.1010, 70.4492, -56.2166

Deuteranomaly

108.6420, 59.8295, -56.6910

Tritanomaly

121.3440, 28.4244, -16.9647

Monochromacy



Original Color

124.2820, 59.5140, -2.0013

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0210, 21.6816, -0.8954

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.2820, 59.5140, -2.0013 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(122, 102, 245)` looks like.

```
.text, #text, p{  
    color:rgb(122, 102, 245)  
}
```

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(122, 102, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 102, 245) }
```

Border

The CSS property to change the border of an element to YUV 124.2820, 59.5140, -2.0013 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(122, 102, 245) }
```


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

```
.border{ border-color:rgb(122, 102, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 102, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 102, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 102, 245);  
box-shadow:4px 4px 4px 4px rgb(122, 102,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 124.2820, 59.5140, -2.0013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 102, 245) }
```

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

```
.background{ background-color: rgb(122,  
102, 245) }
```

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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