

Converting Colors

YUV(59.5820, 17.4611, -0.5104)

Have a look what the booklet for
YUV(59.5820, 17.4611, -0.5104)
contains.

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Color

**YUV(59.5820, 17.4611,
-0.5104)**

Conversions

Conversions Part 1

Format	Color
Hex	3B355F
RGB	59, 53, 95
RGB Percent	23%, 21%, 37%
CMY	0.7686, 0.7922, 0.6275
CMYK	0.38, 0.44, 0.00, 0.63
HSL	249°, 28%, 29%
HSV	249°, 44%, 37%
XYZ	5.1423, 4.3022, 11.3859
YIQ	59.5820, -9.9060, 14.3340

Conversions

Conversions Part 2

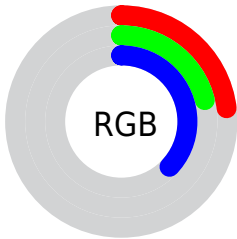
Format	Color
R_{YB}	59, 53, 95
Decimal	3880287
CIE _{Lab}	24.65, 13.91, -24.14
CIE _{LCh}	25, 27.864, 299.942
Yxy	4.3022, 0.2469, 0.2065
Android (android.graphics.Color)	4282070367 (0xFF3B355F)
YUV	59.5820, 17.4611, -0.5104
Hunter-Lab	20.7418, 7.9553, -18.0269

Details

The YUV color **59.5820, 17.4611, -0.5104** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **88.4180, -17.4611, 0.5104**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.6360, 18.9135, 0.3192**, and **14.9410, 16.2981, -0.8253** is the 20% darker color. If you saturate the color by 10%, you get **51.9070, 21.2448, -0.7954**, and if you desaturate by 10%, it is **67.8440, 13.3879, -0.7402**.

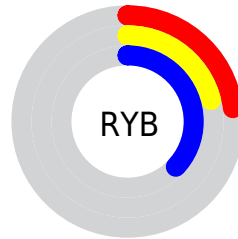
Distribution



Red (23%)

Green (21%)

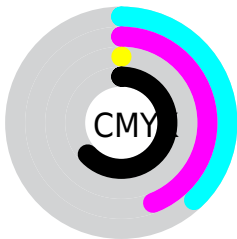
Blue (37%)



Red (23%)

Yellow (21%)

Blue (37%)

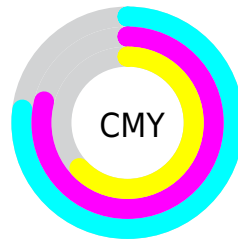


Cyan (38%)

Magenta (44%)

Yellow (0%)

Black (63%)



Cyan (77%)

Magenta (79%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.5820, 17.4611, -0.5104 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 59.5820, 17.4611, -0.5104 by changing the saturation by 10% instead.

■ 59.5820, 17.4611,
-0.5104

■ 59.5820, 17.4611,
-0.5104

■ 255.0000, 0.0000,
0.0000

■ 37.6420, 16.4455,
-1.4400

■ 107.6360, 18.9135,
0.3192

■ 14.9410, 16.2981,
-0.8253

■ 133.0490, 19.2028,
0.8340

■ 3.6650, 11.5042,
-3.2142

■ 158.6900, 20.3658,
1.1489

■ 0.0000, 0.0000,
0.0000

■ 186.1030, 20.6552,
1.6637

■ 213.9890, 20.2184,
1.7636

■ 238.7970, 7.9881,

4.5630

■ 59.5820, 17.4611,
-0.5104

■ 59.5820, 17.4611,
-0.5104

■ 51.9070, 21.2448,
-0.7954

■ 67.8440, 13.3879,
-0.7402

■ 43.6450, 25.3180,
-0.5657

■ 75.5190, 9.6041,
-0.4552

■ 35.3830, 29.3912,
-0.3359

■ 83.7810, 5.5310,
-0.6849

■ 27.4090, 33.3224,
-1.2357

■ 91.7550, 1.5998,
0.2149

■ 19.1470, 37.3955,
-1.0059

■ 100.0170, -2.4734,
-0.0149

■ 15.0160, 39.4321,
-0.8910

■ 107.6920, -6.2572,
0.2701

■ 115.9540,
-10.3303, 0.0403

■ 123.6290,
-14.1141, 0.3254

■ 131.8910,
-18.1873, 0.0956

Harmonies

Analogous

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



49.5990, 24.8477, -36.4823



59.5820, 17.4611, -0.5104



60.6510, 9.5391, 20.4771

Triad

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



59.5820, 17.4611, -0.5104



57.5720, -17.5370, 24.9314



47.1150, 5.3663, -41.3199

Complementary

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



59.5820, 17.4611, -0.5104



88.4180, -17.4611, 0.5104

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.



49.5270, -6.1758, -25.8952



59.5820, 17.4611, -0.5104



55.9850, -20.6986, 12.2912

Square

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



59.5820, 17.4611, -0.5104



57.8040, -9.2704, 33.4979



53.9120, -16.7186, -4.3078



48.9220, 14.8285, -42.9046

Rectangle

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



59.5820, 17.4611, -0.5104



59.5120, 3.6916, 29.3690



53.9120, -16.7186, -4.3078



45.6160, 2.1613, -40.0052

Sweetspot

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



59.5820, 17.4611, -0.5104



108.7210, 6.5465, 0.2447



78.9200, 7.9274, -22.7318



52.7380, 4.0732, 0.2298



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



59.5820, 17.4611, -0.5104



67.9870, 26.6284, -0.8656



65.8610, 14.3655, 12.3999



44.4560, 1.7472, -0.3999



17.5520, 46.5629, -1.3611



37.5260, 99.8197, -3.0923

Inverse Universe

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



69.6620, 9.5336, 22.2214



83.4060, 14.5898, 33.8469



82.1390, -14.3655, -12.3999



45.6520, 1.1576, 2.0592



44.4320, 25.4230, 59.2571



95.1300, 54.1659, 127.0510

Previews

White Background



This preview shows how the YUV color 59.5820, 17.4611, -0.5104 looks on a white background.

Color Contrast Check

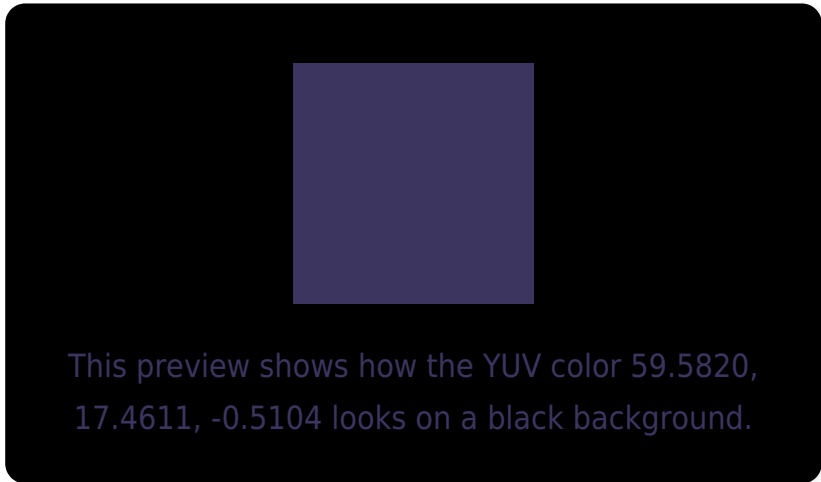
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

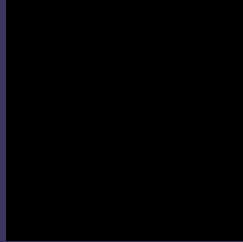
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.5820, 17.4611, -0.5104

Background



This preview shows how black text looks on a background with the YUV color 59.5820, 17.4611, -0.5104.



This preview shows how white text looks on a background with the YUV color 59.5820, 17.4611,

-0.5104.

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

59.5820, 17.4611, -0.5104

Protanopia

57.0040, 20.7040, -14.0355

Deuteranopia

56.7110, 18.3835, -16.4095



Tritanopia

58.1780, 3.3632, -5.4181

Trichromacy



Original Color

59.5820, 17.4611, -0.5104

Protanomaly

58.3960, 19.5248, -9.1173

Deuteranomaly

57.9290, 17.7830, -10.4617

Tritanomaly

58.5680, 8.5940, -3.1291

Monochromacy



Original Color

59.5820, 17.4611, -0.5104

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.7210, 6.5465, 0.2447

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.5820, 17.4611, -0.5104 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(59, 53, 95)` looks like.

```
.text, #text, p{  
    color:rgb(59, 53, 95)  
}
```

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(59, 53, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 53, 95) }
```

Border

The CSS property to change the border of an element to YUV 59.5820, 17.4611, -0.5104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

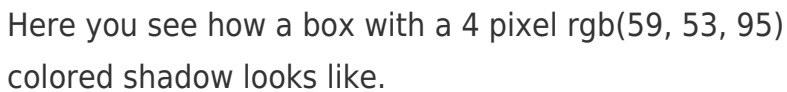
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(59, 53, 95) }
```


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

```
.border{ border-color:rgb(59, 53, 95) }
```

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



Here you see how a box with a 4 pixel `rgb(59, 53, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 53, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 53, 95);  
box-shadow:4px 4px 4px 4px rgb(59, 53, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.5820, 17.4611, -0.5104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 53, 95) }
```

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

```
.background{ background-color: rgb(59, 53,  
95) }
```

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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