

Converting Colors

YUV(88.5820, -19.5139, 5.6286)

Have a look what the booklet for
YUV(88.5820, -19.5139, 5.6286)
contains.

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Color

**YUV(88.5820, -19.5139,
5.6286)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5D31
RGB	95, 93, 49
RGB Percent	37%, 36%, 19%
CMY	0.6275, 0.6353, 0.8078
CMYK	0.00, 0.02, 0.48, 0.63
HSL	57°, 32%, 28%
HSV	57°, 48%, 37%
XYZ	9.1880, 10.4833, 4.4450
YIQ	88.5820, 15.3160, -13.2600

Conversions

Conversions Part 2

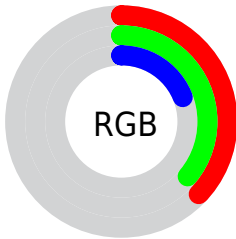
Format	Color
R_{YB}	51, 95, 49
Decimal	6249777
CIE Lab	38.70, -6.29, 25.44
CIE LCh	39, 26.204, 103.882
Yxy	10.4833, 0.3810, 0.4347
Android (android.graphics.Color)	4284439857 (0xFF5F5D31)
YUV	88.5820, -19.5139, 5.6286
Hunter-Lab	32.3780, -6.0078, 14.5251

Details

The YUV color **88.5820, -19.5139, 5.6286** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **55.4180, 19.5139, -5.6286**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.8380, -21.1191, 7.1581**, and **41.9840, -19.2191, 4.3990** is the 20% darker color. If you saturate the color by 10%, you get **87.5560, -23.4451, 6.5284**, and if you desaturate by 10%, it is **89.7220, -15.1459, 4.6288**.

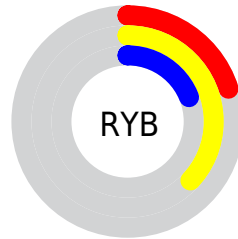
Distribution



Red (37%)

Green (36%)

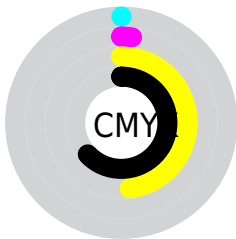
Blue (19%)



Red (20%)

Yellow (37%)

Blue (19%)

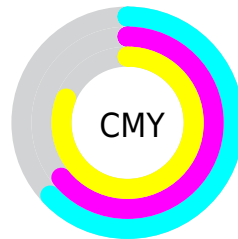


Cyan (0%)

Magenta (2%)

Yellow (48%)

Black (63%)



Cyan (63%)

Magenta (64%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.5820, -19.5139, 5.6286 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 88.5820, -19.5139, 5.6286 by changing the saturation by 10% instead.

■ 88.5820, -19.5139,
5.6286

■ 88.5820, -19.5139,
5.6286

■ 255.0000, 0.0000,
0.0000

■ 65.3970, -18.9297,
4.9138

■ 138.8380,
-21.1191, 7.1581

■ 41.9840, -19.2191,
4.3990

■ 165.6100,
-21.9927, 7.3580

■ 23.3240, -11.4987,
1.4699

■ 192.4960,
-22.4295, 7.4580

■ 0.0000, 0.0000,
0.0000

■ 220.6810,
-23.0137, 8.1728

■ 247.7840,
-22.5715, 6.3284

■ 252.1500,

-10.9200, 2.4994

■ 88.5820, -19.5139,
5.6286

■ 88.5820, -19.5139,
5.6286

■ 87.5560, -23.4451,
6.5284

■ 89.7220, -15.1459,
4.6288

■ 85.8290, -27.5237,
8.0430

■ 91.3350, -11.5042,
3.2142

■ 84.8030, -31.4549,
8.9428

■ 92.4750, -7.1362,
2.2144

■ 83.0760, -35.5335,
10.4573

■ 94.0880, -3.4944,
0.7998

■ 82.0500, -39.4646,
11.3572

■ 95.2280, 0.8736,
-0.2000

■ 81.8220, -40.3382,
11.5571

■ 96.2540, 4.8048,
-1.0998

■ 97.9810, 8.8834,
-2.6143

■ 99.0070, 12.8145,
-3.5141

■ 100.7340, 16.8931,
-5.0287

Harmonies

Analogous

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



90.5670, -19.9995, 21.4277



88.5820, -19.5139, 5.6286



85.5950, -12.6183, -12.7998

Triad

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



88.5820, -19.5139, 5.6286



72.9670, 23.1873, -63.9921



93.7290, 4.5706, 27.4247

Complementary

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



88.5820, -19.5139, 5.6286



55.4180, 19.5139, -5.6286

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.



93.7360, 13.9342, 10.7555



88.5820, -19.5139, 5.6286



82.4520, 24.4272, -41.6154

Square

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



88.5820, -19.5139, 5.6286



71.3880, 14.5987, -62.6073



90.6020, 20.4092, -12.8060



92.2540, -5.0552, 34.8572

Rectangle

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



88.5820, -19.5139, 5.6286



83.3420, -5.5916, -26.6099



90.6020, 20.4092, -12.8060



93.6190, 8.0758, 23.1361

Sweetspot

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



88.5820, -19.5139, 5.6286



119.9480, -7.8624, 1.7996



62.9820, -5.9071, 28.0798



59.7460, -4.8048, 1.0998



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.



88.5820, -19.5139, 5.6286



112.1450, -30.1445, 8.6428



83.4770, -16.9972, -8.3113



47.5440, -1.7472, 0.3999



96.2970, -47.4744, 13.7715



206.1830, -101.6482, 29.6575

Inverse Universe

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



55.4180, 19.5139, -5.6286



60.8550, 30.1445, -8.6428



60.5230, 16.9972, 8.3113



44.4560, 1.7472, -0.3999



15.7030, 47.4744, -13.7715



33.2300, 101.9376, -29.1427

Previews

White Background



This preview shows how the YUV color 88.5820, -19.5139, 5.6286 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 × Fail

Black Background



This preview shows how the YUV color 88.5820, -19.5139, 5.6286 looks on a black 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

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

YUV 88.5820, -19.5139, 5.6286

Background



This preview shows how black text looks on a background with the YUV color 88.5820, -19.5139, 5.6286.



This preview shows how white text looks on a background with the YUV color 88.5820, -19.5139,

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

88.5820, -19.5139, 5.6286

Protanopia

88.7890, -20.1090, 9.8320

Deuteranopia

89.9580, -19.6993, 18.4538



Tritanopia

92.3860, 1.2887, 6.6775

Trichromacy



Original Color

88.5820, -19.5139, 5.6286

Protanomaly

88.7780, -20.1036, 8.0877

Deuteranomaly

89.3380, -19.3936, 13.7356

Tritanomaly

91.0240, -6.4208, 6.1180

Monochromacy



Original Color

88.5820, -19.5139, 5.6286

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.4750, -7.1362, 2.2144

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.5820, -19.5139, 5.6286 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(95, 93, 49)` looks like.

```
.text, #text, p{  
    color:rgb(95, 93, 49)  
}
```

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(95, 93, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 93, 49) }
```

Border

The CSS property to change the border of an element to YUV 88.5820, -19.5139, 5.6286 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(95, 93, 49) }
```


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

```
.border{ border-color:rgb(95, 93, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 93, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 93, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 93, 49);  
box-shadow:4px 4px 4px 4px rgb(95, 93, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.5820, -19.5139, 5.6286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 93, 49) }
```

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

```
.background{ background-color: rgb(95, 93,  
49) }
```

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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