

Converting Colors

YUV(123.7810, 55.8170,
-29.6259)

Have a look what the booklet for
YUV(123.7810, 55.8170, -29.6259)
contains.

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Color

**YUV(123.7810, 55.8170,
-29.6259)**

Conversions

Conversions Part 1

Format	Color
Hex	5A77ED
RGB	90, 119, 237
RGB Percent	35%, 47%, 93%
CMY	0.6471, 0.5333, 0.0706
CMYK	0.62, 0.50, 0.00, 0.07
HSL	228°, 80%, 64%
HSV	228°, 62%, 93%
XYZ	26.0993, 21.4817, 82.8916
YIQ	123.7810, -55.1620, 30.5500

Conversions

Conversions Part 2

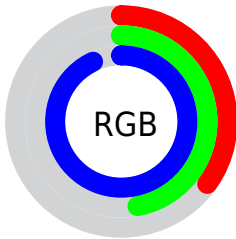
Format	Color
R_{YB}	90, 114, 237
Decimal	5928941
CIE _{Lab}	53.47, 25.54, -62.84
CIE _{LCh}	53, 67.829, 292.116
Yxy	21.4817, 0.2000, 0.1646
Android (android.graphics.Color)	4284119021 (0xFF5A77ED)
YUV	123.7810, 55.8170, -29.6259
Hunter-Lab	46.3484, 19.4058, -73.5931

Details

The YUV color **123.7810, 55.8170, -29.6259** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **203.2190, -55.8170, 29.6259**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.8950, 39.4918, -20.0789**, and **62.1970, 58.0769, -54.5468** is the 20% darker color. If you saturate the color by 10%, you get **105.4520, 64.8532, -34.5994**, and if you desaturate by 10%, it is **142.1100, 46.7808, -24.6525**.

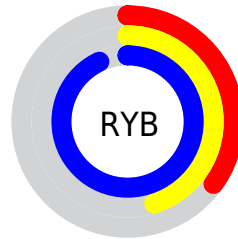
Distribution



Red (35%)

Green (47%)

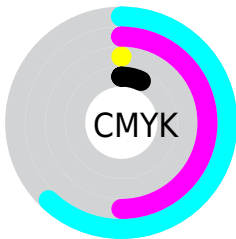
Blue (93%)



Red (35%)

Yellow (45%)

Blue (93%)

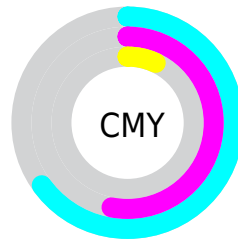


Cyan (62%)

Magenta (50%)

Yellow (0%)

Black (7%)



Cyan (65%)

Magenta (53%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.7810, 55.8170, -29.6259 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 123.7810, 55.8170, -29.6259 by changing the saturation by 10% instead.

■ 123.7810, 55.8170,
-29.6259

■ 123.7810, 55.8170,
-29.6259

255.0000, 0.0000,
0.0000

■ 95.9220, 55.2545,
-35.8886

■ 174.8950, 39.4918,
-20.0789

■ 62.1970, 58.0769,
-54.5468

■ 199.7140, 27.2560,
-15.5352

■ 46.7920, 52.3605,
-41.0366

■ 225.1200, 14.7308,
-11.5062

■ 31.9740, 46.3548,
-28.0412

■ 251.4120, 1.7689,
-7.3773

■ 16.6830, 41.0753,
-14.6310

■ 13.9470, 30.5921,
-12.2315

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 123.7810, 55.8170,
-29.6259

■ 123.7810, 55.8170,
-29.6259

■ 105.4520, 64.8532,
-34.5994

■ 142.1100, 46.7808,
-24.6525

■ 87.4220, 73.7420,
-38.9581

■ 160.1400, 37.8920,
-20.2938

■ 69.0930, 82.7782,
-43.9316

■ 178.4690, 28.8558,
-15.3203

■ 54.6070, 89.9197,
-47.8903

■ 196.7980, 19.8196,
-10.3468

■ 215.1270, 10.7834,
-5.3734

■ 233.1570, 1.8946,
-1.0147

■ 251.1870, -6.9942,
3.3440

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



109.4090, 66.3534, -95.9517



123.7810, 55.8170, -29.6259



130.0480, 34.4863, 45.5619

Triad

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



123.7810, 55.8170, -29.6259



121.0180, -43.8859, 76.2832



102.3510, 3.7710, -89.7618

Complementary

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



123.7810, 55.8170, -29.6259



203.2190, -55.8170, 29.6259

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.



96.3490, -23.3431, -73.0971



123.7810, 55.8170, -29.6259



120.3730, -59.3439, 40.8919

Square

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



123.7810, 55.8170, -29.6259



118.4190, -14.9966, 96.9795



114.7930, -56.5929, -1.5725



109.7780, 29.6894, -96.2753

Rectangle

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



123.7810, 55.8170, -29.6259



124.4730, 19.9798, 78.5152



114.7930, -56.5929, -1.5725



99.3700, -5.1124, -87.1475

Sweetspot

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



123.7810, 55.8170, -29.6259



217.7550, 18.3618, -9.4321



189.7410, 9.0017, -87.4729



104.9420, 11.3676, -6.0881



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.



123.7810, 55.8170, -29.6259



109.8520, 71.5580, -38.4582



119.9140, 57.7234, 12.3534



108.4280, 4.2260, -2.1294



41.7660, 68.6424, -36.6288



12.6130, 20.4038, -11.0616

Inverse Universe

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



137.2590, -9.0017, 87.4729



126.8430, -11.2616, 112.3937



207.0860, -57.7234, -12.3534



109.5170, -0.7479, 6.5626



58.2230, -10.9559, 107.6754



17.4000, -3.1552, 32.0982

Previews

White Background



This preview shows how the YUV color 123.7810, 55.8170, -29.6259 looks on a white background.

Color Contrast Check

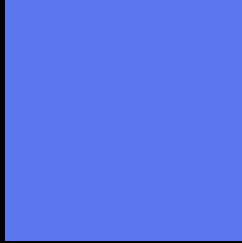
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.7810, 55.8170, -29.6259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

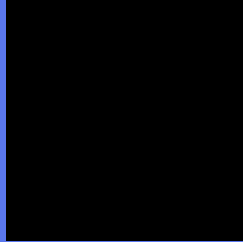
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.7810, 55.8170, -29.6259

Background



This preview shows how black text looks on a background with the YUV color 123.7810, 55.8170, -29.6259.



This preview shows how white text looks on a background with the YUV color 123.7810, 55.8170,

-29.6259.

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

123.7810, 55.8170, -29.6259

Protanopia

118.2130, 60.5340, -49.2988

Deuteranopia

102.4160, 62.4059, -89.8188



Tritanopia

113.1480, 18.6610, -58.8888

Trichromacy



Original Color

123.7810, 55.8170, -29.6259

Protanomaly

120.5020, 58.9125, -42.5363

Deuteranomaly

110.2770, 60.0094, -67.7719

Tritanomaly

116.7700, 32.1584, -48.0333

Monochromacy



Original Color

123.7810, 55.8170, -29.6259

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9120, 20.2564, -10.4468

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7810, 55.8170, -29.6259 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(90, 119, 237)` looks like.

```
.text, #text, p{  
    color:rgb(90, 119, 237)  
}
```

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(90, 119, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 119, 237) }
```

Border

The CSS property to change the border of an element to YUV 123.7810, 55.8170, -29.6259 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(90, 119, 237) }
```


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

```
.border{ border-color:rgb(90, 119, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 119, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 119, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 119, 237);  
box-shadow:4px 4px 4px 4px rgb(90, 119,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 123.7810, 55.8170, -29.6259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 119, 237) }
```

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

```
.background{ background-color: rgb(90, 119,  
237) }
```

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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