

Converting Colors

YUV(89.3020, 59.0111,
-27.4519)

Have a look what the booklet for
YUV(89.3020, 59.0111, -27.4519)
contains.

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Color

**YUV(89.3020, 59.0111,
-27.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	3A52D1
RGB	58, 82, 209
RGB Percent	23%, 32%, 82%
CMY	0.7725, 0.6784, 0.1804
CMYK	0.72, 0.61, 0.00, 0.18
HSL	230°, 62%, 52%
HSV	230°, 72%, 82%
XYZ	16.2708, 11.5376, 61.6910
YIQ	89.3020, -55.0710, 34.4090

Conversions

Conversions Part 2

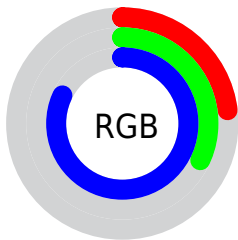
Format	Color
RYB	58, 79, 209
Decimal	3822289
CIELab	40.47, 34.21, -68.13
CIELCh	40, 76.239, 296.666
Yxy	11.5376, 0.1818, 0.1289
Android (android.graphics.Color)	4282012369 (0xFF3A52D1)
YUV	89.3020, 59.0111, -27.4519
Hunter-Lab	33.9670, 26.0626, -83.9058

Details

The YUV color **89.3020, 59.0111, -27.4519** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **177.6980, -59.0111, 27.4519**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.3420, 55.0474, -16.0859**, and **39.7480, 55.8332, -34.8590** is the 20% darker color. If you saturate the color by 10%, you get **72.4570, 67.3157, -31.0958**, and if you desaturate by 10%, it is **106.1470, 50.7065, -23.8079**.

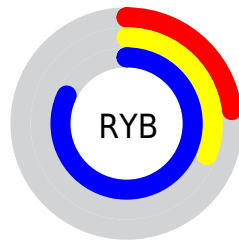
Distribution



Red (23%)

Green (32%)

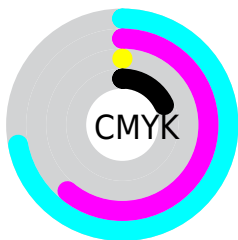
Blue (82%)



Red (23%)

Yellow (31%)

Blue (82%)

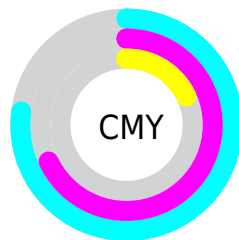


Cyan (72%)

Magenta (61%)

Yellow (0%)

Black (18%)



Cyan (77%)

Magenta (68%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3020, 59.0111, -27.4519 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 89.3020, 59.0111, -27.4519 by changing the saturation by 10% instead.

■ 89.3020, 59.0111,
-27.4519

■ 89.3020, 59.0111,
-27.4519

■ 255.0000, 0.0000,
0.0000

■ 55.2670, 61.9864,
-48.4692

■ 143.3420, 55.0474,
-16.0859

■ 39.7480, 55.8332,
-34.8590

■ 167.5740, 43.1010,
-11.0274

■ 25.6310, 49.9749,
-22.4784

■ 192.3930, 30.8653,
-6.4837

■ 11.5140, 44.1166,
-10.0978

■ 218.0980, 18.1927,
-1.8399

■ 13.9470, 30.5921,
-12.2315

■ 243.5040, 5.6675,
2.1890

■ 8.2760, 21.5559,
-7.2581

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 89.3020, 59.0111,
-27.4519

■ 89.3020, 59.0111,
-27.4519

■ 72.4570, 67.3157,
-31.0958

■ 106.1470, 50.7065,
-23.8079

■ 56.1990, 75.3309,
-35.2545

■ 122.4050, 42.6913,
-19.6492

■ 43.1970, 81.7409,
-37.8838

■ 139.2500, 34.3867,
-16.0053

■ 155.5080, 26.3716,
-11.8465

■ 172.3530, 18.0670,
-8.2026

■ 188.3120, 10.1992,
-4.6586

■ 205.1570, 1.8946,
-1.0147

■ 222.0020, -6.4100,
2.6292

■ 238.2600,
-14.4252, 6.7880

Harmonies

Analogous

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



87.5300, 66.2937, -76.7638



89.3020, 59.0111, -27.4519



88.3690, 37.7791, 62.8204

Triad

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



89.3020, 59.0111, -27.4519



85.4520, -42.1278, 72.3946



80.2440, 2.8377, -70.3740

Complementary

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



89.3020, 59.0111, -27.4519



177.6980, -59.0111, 27.4519

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.



69.3460, -28.7646, -60.8164



89.3020, 59.0111, -27.4519



90.1940, -44.4656, 28.7709

Square

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



89.3020, 59.0111, -27.4519



63.6200, -9.6727, 116.0973



81.9340, -40.3935, -17.4821



88.1270, 30.5034, -77.2874

Rectangle

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



89.3020, 59.0111, -27.4519



70.8750, 27.1766, 103.5956



81.9340, -40.3935, -17.4821



77.1490, -6.4825, -67.6597

Sweetspot

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



89.3020, 59.0111, -27.4519



210.6670, 21.8562, -10.2320



161.0010, 11.3385, -90.3319



101.3980, 13.1148, -6.4880



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.



89.3020, 59.0111, -27.4519



78.8530, 86.8405, -40.2131



90.1640, 58.5861, 15.6422



96.4280, 4.2260, -2.1294



35.0010, 65.5685, -30.6959



8.1960, 16.1724, -7.1879

Inverse Universe

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



105.8850, -11.7753, 90.4319



103.3680, -17.4364, 132.9813



176.8360, -58.5861, -15.6422



97.5170, -0.7479, 6.5626



53.3100, -12.9708, 100.5831



12.9430, -3.4229, 24.6060

Previews

White Background



This preview shows how the YUV color 89.3020, 59.0111, -27.4519 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 89.3020, 59.0111, -27.4519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

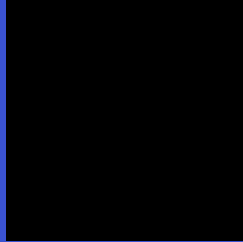
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.3020, 59.0111, -27.4519

Background



This preview shows how black text looks on a background with the YUV color 89.3020, 59.0111, -27.4519.



This preview shows how white text looks on a background with the YUV color 89.3020, 59.0111, -27.4519.

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

89.3020, 59.0111, -27.4519

Protanopia

75.5330, 58.4042, -66.2424

Deuteranopia

75.8630, 44.4375, -66.5319



Tritanopia

74.5170, 18.9721, -65.3514

Trichromacy



Original Color

89.3020, 59.0111, -27.4519

Protanomaly

80.6210, 58.3608, -52.2876

Deuteranomaly

81.0310, 49.7777, -52.6472

Tritanomaly

80.0900, 33.4796, -51.8219

Monochromacy



Original Color

89.3020, 59.0111, -27.4519

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9660, 21.7088, -9.6172

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3020, 59.0111, -27.4519 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(58, 82, 209)` looks like.

```
.text, #text, p{  
    color:rgb(58, 82, 209)  
}
```

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(58, 82, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 82, 209) }
```

Border

The CSS property to change the border of an element to YUV 89.3020, 59.0111, -27.4519 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(58, 82, 209) }
```


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

```
.border{ border-color:rgb(58, 82, 209) }
```

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

Here you see how a box with a 4 pixel rgb(58, 82, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 82, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 82, 209);  
box-shadow:4px 4px 4px 4px rgb(58, 82,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 89.3020, 59.0111, -27.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 82, 209) }
```

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

```
.background{ background-color: rgb(58, 82,  
209) }
```

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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