

Converting Colors

YUV(107.0360, 59.1423,
-22.8336)

Have a look what the booklet for
YUV(107.0360, 59.1423, -22.8336)
contains.

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Color

**YUV(107.0360, 59.1423,
-22.8336)**

Conversions

Conversions Part 1

Format	Color
Hex	5161E3
RGB	81, 97, 227
RGB Percent	32%, 38%, 89%
CMY	0.6824, 0.6196, 0.1098
CMYK	0.64, 0.57, 0.00, 0.11
HSL	233°, 72%, 60%
HSV	233°, 64%, 89%
XYZ	21.5332, 15.8448, 74.5965
YIQ	107.0360, -51.2660, 37.0380

Conversions

Conversions Part 2

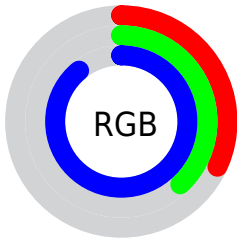
Format	Color
R_{YB}	81, 95, 227
Decimal	5333475
CIE _{Lab}	46.77, 34.25, -68.09
CIE _{LCh}	47, 76.216, 296.702
Yxy	15.8448, 0.1923, 0.1415
Android (android.graphics.Color)	4283523555 (0xFF5161E3)
YUV	107.0360, 59.1423, -22.8336
Hunter-Lab	39.8055, 26.9017, -83.2471

Details

The YUV color **107.0360, 59.1423, -22.8336** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **200.9640, -59.1423, 22.8336**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4150, 47.6164, -12.6420**, and **49.4310, 59.9335, -43.3510** is the 20% darker color. If you saturate the color by 10%, you get **88.4190, 68.3204, -26.6775**, and if you desaturate by 10%, it is **125.6530, 49.9641, -18.9897**.

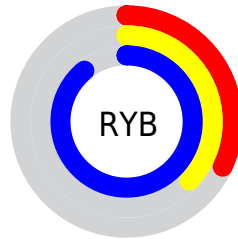
Distribution



Red (32%)

Green (38%)

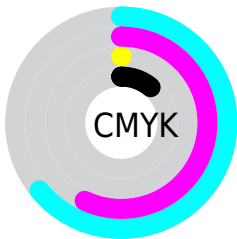
Blue (89%)



Red (32%)

Yellow (37%)

Blue (89%)

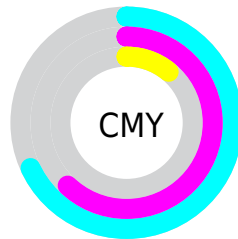


Cyan (64%)

Magenta (57%)

Yellow (0%)

Black (11%)



Cyan (68%)

Magenta (62%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0360, 59.1423, -22.8336 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 107.0360, 59.1423, -22.8336 by changing the saturation by 10% instead.

■ 107.0360, 59.1423,
-22.8336

■ 107.0360, 59.1423,
-22.8336

■ 255.0000, 0.0000,
0.0000

■ 78.2800, 59.0220,
-30.9406

■ 158.4150, 47.6164,
-12.6420

■ 49.4310, 59.9335,
-43.3510

■ 183.2340, 35.3806,
-8.0982

■ 34.4990, 53.4910,
-30.2556

■ 208.3520, 22.9975,
-2.9397

■ 20.9690, 47.3433,
-18.3898

■ 234.3450, 10.1829,
0.5744

■ 10.3740, 39.7486,
-9.0980

■ 11.7470, 27.2397,
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 107.0360, 59.1423,
-22.8336

■ 107.0360, 59.1423,
-22.8336

■ 88.4190, 68.3204,
-26.6775

■ 125.6530, 49.9641,
-18.9897

■ 70.1010, 77.3512,
-29.9066

■ 143.9710, 40.9333,
-15.7606

■ 50.8970, 86.8188,
-33.2357

■ 163.1750, 31.4657,
-12.4315

■ 40.5530, 91.9184,
-35.5650

■ 181.7920, 22.2875,
-8.5876

■ 200.4090, 13.1094,
-4.7437

■ 218.7270, 4.0786,
-1.5146

■ 237.3440, -5.0996,
2.3293

■ 251.8080,
-12.2303, 2.7994

Harmonies

Analogous

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



99.0880, 69.9626, -86.9002



107.0360, 59.1423, -22.8336



107.4290, 36.7635, 61.8908

Triad

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



107.0360, 59.1423, -22.8336



100.8240, -49.7062, 76.4534



92.0470, 4.9068, -80.7252

Complementary

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



107.0360, 59.1423, -22.8336



200.9640, -59.1423, 22.8336

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.



81.6050, -24.9483, -71.5676



107.0360, 59.1423, -22.8336



104.3810, -51.4598, 32.1149

Square

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



107.0360, 59.1423, -22.8336



89.3930, -15.4767, 111.0343



96.4090, -47.5296, -15.2677



100.0440, 33.0093, -87.7386

Rectangle

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



107.0360, 59.1423, -22.8336



89.5330, 25.8662, 103.8956



96.4090, -47.5296, -15.2677



88.8380, -4.8501, -77.9109

Sweetspot

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



107.0360, 59.1423, -22.8336



215.4070, 19.5193, -7.3729



181.4080, 14.0959, -88.0578



103.1810, 12.2358, -4.5437



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.



107.0360, 59.1423, -22.8336



93.6710, 79.5352, -30.4065



114.3880, 55.5177, 19.8307



105.5420, 4.6628, -2.2293



32.1460, 72.3990, -28.1920



9.3360, 20.5404, -8.1877

Inverse Universe

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



126.4780, -14.5327, 88.1578



119.9980, -19.7190, 118.3968



193.6120, -55.5177, -19.8307



106.8160, -0.8953, 7.1774



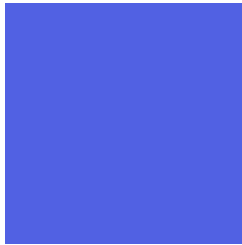
55.8010, -17.6499, 108.0455



15.9330, -4.8970, 30.7538

Previews

White Background



This preview shows how the YUV color 107.0360, 59.1423, -22.8336 looks on a white background.

Color Contrast Check

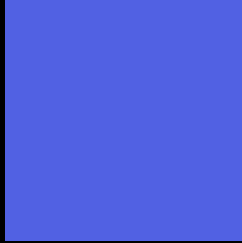
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.0360, 59.1423, -22.8336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

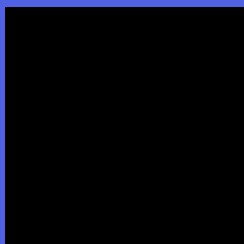
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.0360, 59.1423, -22.8336

Background



This preview shows how black text looks on a background with the YUV color 107.0360, 59.1423, -22.8336.



This preview shows how white text looks on a background with the YUV color 107.0360, 59.1423, -22.8336.

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

107.0360, 59.1423, -22.8336

Protanopia

87.9860, 68.0409, -77.1637

Deuteranopia

88.5610, 52.4744, -77.6680



Tritanopia

90.8480, 20.2879, -67.3957

Trichromacy



Original Color

107.0360, 59.1423, -22.8336

Protanomaly

94.8960, 64.6343, -57.7908

Deuteranomaly

95.0780, 55.1775, -57.9504

Tritanomaly

96.7310, 34.6426, -51.5071

Monochromacy



Original Color

107.0360, 59.1423, -22.8336

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9770, 21.7033, -7.8728

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0360, 59.1423, -22.8336 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(81, 97, 227)` looks like.

```
.text, #text, p{  
    color:rgb(81, 97, 227)  
}
```

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(81, 97, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 97, 227) }
```

Border

The CSS property to change the border of an element to YUV 107.0360, 59.1423, -22.8336 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(81, 97, 227) }
```


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

```
.border{ border-color:rgb(81, 97, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 97, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 97, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 97, 227);  
box-shadow:4px 4px 4px 4px rgb(81, 97,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 107.0360, 59.1423, -22.8336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 97, 227) }
```

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

```
.background{ background-color: rgb(81, 97,  
227) }
```

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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