

Converting Colors

YUV(100.0550, 39.9059,
-59.6842)

Have a look what the booklet for
YUV(100.0550, 39.9059, -59.6842)
contains.

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Color

**YUV(100.0550, 39.9059,
-59.6842)**

Conversions

Conversions Part 1

Format	Color
Hex	2077B5
RGB	32, 119, 181
RGB Percent	13%, 47%, 71%
CMY	0.8745, 0.5333, 0.2902
CMYK	0.82, 0.34, 0.00, 0.29
HSL	205°, 70%, 42%
HSV	205°, 82%, 71%
XYZ	15.5330, 16.8369, 46.1472
YIQ	100.0550, -71.7540, 0.8380

Conversions

Conversions Part 2

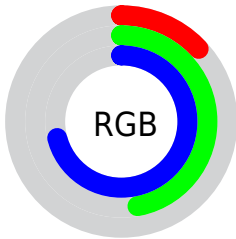
Format	Color
R _Y B	32, 87, 181
Decimal	2127797
CIE Lab	48.05, -2.73, -39.79
CIE LCh	48, 39.886, 266.076
Yxy	16.8369, 0.1978, 0.2144
Android (android.graphics.Color)	4280317877 (0xFF2077B5)
YUV	100.0550, 39.9059, -59.6842
Hunter-Lab	41.0328, -4.2362, -37.9571

Details

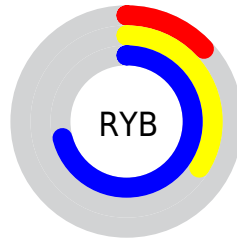
The YUV color **100.0550, 39.9059, -59.6842** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **112.9450, -39.9059, 59.6842**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8930, 38.9998, -49.0182**, and **56.2690, 35.3634, -49.3479** is the 20% darker color. If you saturate the color by 10%, you get **89.9770, 44.8743, -66.6318**, and if you desaturate by 10%, it is **110.1330, 34.9374, -52.7366**.

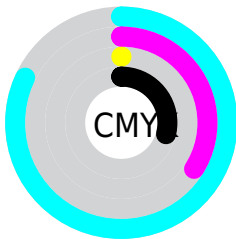
Distribution



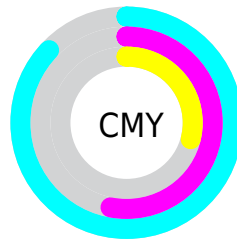
- Red (13%)
- Green (47%)
- Blue (71%)



- Red (13%)
- Yellow (34%)
- Blue (71%)



- Cyan (82%)
- Magenta (34%)
- Yellow (0%)
- Black (29%)



- Cyan (87%)
- Magenta (53%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.0550, 39.9059, -59.6842 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 100.0550, 39.9059, -59.6842 by changing the saturation by 10% instead.

■ 100.0550, 39.9059,
-59.6842

■ 100.0550, 39.9059,
-59.6842

■ 255.0000, 0.0000,
0.0000

■ 72.7340, 40.0641,
-63.7877

■ 157.8930, 38.9998,
-49.0182

■ 56.2690, 35.3634,
-49.3479

■ 184.7640, 34.6263,
-46.2740

■ 40.3910, 30.3732,
-35.4229

■ 209.8710, 22.2486,
-42.8599

■ 25.9150, 25.6779,
-22.7275

■ 235.8640, 9.4340,
-39.3457

■ 9.2050, 22.5769,
-8.0728

■ 244.8340, 5.0118,
-20.9024

■ 4.8220, 13.3988,
-4.2289

■ 253.8040, 0.5896,

■ 0.5700, 2.1840,

-2.4591

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 100.0550, 39.9059,
-59.6842

■ 100.0550, 39.9059,
-59.6842

■ 89.9770, 44.8743,
-66.6318

■ 110.1330, 34.9374,
-52.7366

■ 82.8560, 48.3850,
-72.6647

■ 119.6240, 30.2584,
-45.2742

■ 129.7020, 25.2899,
-38.3267

■ 139.1930, 20.6109,
-30.8643

■ 149.5700, 15.4950,
-23.3019

■ 159.0610, 10.8159,
-15.8395

■ 169.1390, 5.8475,
-8.8919

■ 178.6300, 1.1684,
-1.4295

■ 188.7080, -3.8000,
5.5181

Harmonies

Analogous

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



93.8150, 37.0662, -82.2758



100.0550, 39.9059, -59.6842



115.3500, 29.4074, -5.5690

Triad

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



100.0550, 39.9059, -59.6842



114.0840, -13.8454, 54.3003



101.6370, -13.1320, -34.7616

Complementary

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



100.0550, 39.9059, -59.6842



112.9450, -39.9059, 59.6842

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.



107.9370, -28.0699, -3.4527



100.0550, 39.9059, -59.6842



112.9890, -26.6166, 43.8596

Square

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



100.0550, 39.9059, -59.6842



115.3020, 2.3161, 50.6011



111.1360, -33.0980, 22.6827



89.2090, 9.2640, -78.2363

Rectangle

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



100.0550, 39.9059, -59.6842



117.7400, 21.3272, 19.5220



111.1360, -33.0980, 22.6827



104.6940, -19.5691, -23.4106

Sweetspot

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



100.0550, 39.9059, -59.6842



202.6840, 15.9318, -23.4019



126.3030, -16.9114, -82.7037



98.3170, 9.2107, -14.3100



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



100.0550, 39.9059, -59.6842



108.3940, 62.4168, -93.3075



57.7910, 60.7420, -22.6187



84.5480, 2.1948, -3.9886



69.6850, 41.0743, -61.1137



11.7690, 7.0159, -10.3214

Inverse Universe

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



86.4690, 16.0378, 82.9037



87.1710, 25.0587, 129.6460



155.2090, -60.7420, 22.6187



83.3750, 1.2941, 4.9331



55.8930, 16.3218, 85.1628



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 100.0550, 39.9059, -59.6842 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 100.0550, 39.9059, -59.6842 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 100.0550, 39.9059, -59.6842 Background



This preview shows how black text looks on a background with the YUV color 100.0550, 39.9059, -59.6842.



This preview shows how white text looks on a background with the YUV color 100.0550, 39.9059, -59.6842.

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

100.0550, 39.9059, -59.6842

Protanopia

112.2020, 30.4664, -18.5942

Deuteranopia

109.4930, 35.7460, -32.0044



Tritanopia

89.4660, 22.9413, -78.4617

Trichromacy



Original Color

100.0550, 39.9059, -59.6842

Protanomaly

108.0260, 34.0042, -33.3488

Deuteranomaly

106.1820, 37.3783, -42.2556

Tritanomaly

93.1170, 29.0293, -71.1396

Monochromacy



Original Color

100.0550, 39.9059, -59.6842

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9400, 14.3266, -21.8724

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.0550, 39.9059, -59.6842 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(32, 119, 181)` looks like.

```
.text, #text, p{  
    color:rgb(32, 119, 181)  
}
```

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(32, 119, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 119, 181) }
```

Border

The CSS property to change the border of an element to YUV 100.0550, 39.9059, -59.6842 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(32, 119, 181) }
```


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

```
.border{ border-color:rgb(32, 119, 181) }
```

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

Here you see how a box with a 4 pixel rgb(32, 119, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 119, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 119, 181);  
box-shadow:4px 4px 4px 4px rgb(32, 119,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 100.0550, 39.9059, -59.6842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 119, 181) }
```

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

```
.background{ background-color: rgb(32, 119,  
181) }
```

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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