

Converting Colors

YUV(96.8100, 41.5057,
-59.4694)

Have a look what the booklet for
YUV(96.8100, 41.5057, -59.4694)
contains.

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Color

**YUV(96.8100, 41.5057,
-59.4694)**

Conversions

Conversions Part 1

Format	Color
Hex	1D73B5
RGB	29, 115, 181
RGB Percent	11%, 45%, 71%
CMY	0.8863, 0.5490, 0.2902
CMYK	0.84, 0.36, 0.00, 0.29
HSL	206°, 72%, 41%
HSV	206°, 84%, 71%
XYZ	14.9779, 15.8589, 45.9877
YIQ	96.8100, -72.4420, 2.2940

Conversions

Conversions Part 2

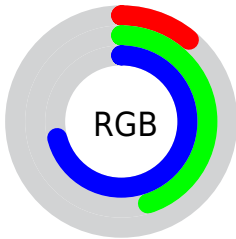
Format	Color
R_{YB}	29, 84, 181
Decimal	1930165
CIE _{Lab}	46.79, -0.57, -41.80
CIE _{LCh}	47, 41.805, 269.215
Yxy	15.8589, 0.1950, 0.2064
Android (android.graphics.Color)	4280120245 (0xFF1D73B5)
YUV	96.8100, 41.5057, -59.4694
Hunter-Lab	39.8232, -2.5549, -40.5917

Details

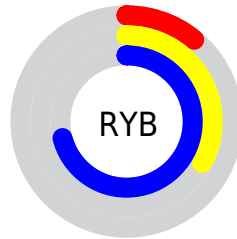
The YUV color **96.8100, 41.5057, -59.4694** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **113.1900, -41.5057, 59.4694**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2460, 40.3047, -47.5737**, and **54.5080, 36.2316, -47.8035** is the 20% darker color. If you saturate the color by 10%, you get **86.7320, 46.4741, -66.4170**, and if you desaturate by 10%, it is **106.8880, 36.5372, -52.5218**.

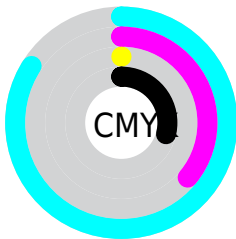
Distribution



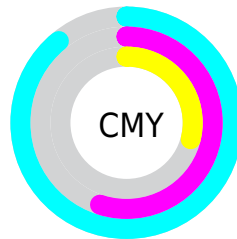
- Red (11%)
- Green (45%)
- Blue (71%)



- Red (11%)
- Yellow (33%)
- Blue (71%)



- Cyan (84%)
- Magenta (36%)
- Yellow (0%)
- Black (29%)



- Cyan (89%)
- Magenta (55%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8100, 41.5057, -59.4694 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 96.8100, 41.5057, -59.4694 by changing the saturation by 10% instead.

■ 96.8100, 41.5057,
-59.4694

■ 96.8100, 41.5057,
-59.4694

■ 255.0000, 0.0000,
0.0000

■ 70.9730, 40.9323,
-62.2433

■ 155.2460, 40.3047,
-47.5737

■ 54.5080, 36.2316,
-47.8035

■ 182.1170, 35.9313,
-44.8296

■ 38.6300, 31.2414,
-33.8785

■ 206.6370, 23.8430,
-40.9006

■ 24.1540, 26.5461,
-21.1831

■ 232.6300, 11.0284,
-37.3865

■ 9.0910, 22.1401,
-7.9728

■ 244.5350, 5.1592,
-21.5172

■ 4.8220, 13.3988,
-4.2289

■ 253.5050, 0.7370,

■ 0.4560, 1.7472,

-3.0739

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 96.8100, 41.5057,
-59.4694

■ 96.8100, 41.5057,
-59.4694

■ 86.7320, 46.4741,
-66.4170

■ 106.8880, 36.5372,
-52.5218

■ 80.5080, 49.5426,
-70.6055

■ 116.9660, 31.5688,
-45.5742

■ 127.0440, 26.6003,
-38.6266

■ 136.5350, 21.9212,
-31.1642

■ 146.6130, 16.9528,
-24.2166

■ 156.9900, 11.8369,
-16.6542

■ 167.0680, 6.8685,
-9.7066

■ 177.1460, 1.9000,
-2.7590

■ 187.2240, -3.0684,
4.1886

Harmonies

Analogous

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



92.2820, 38.8080, -80.9313



96.8100, 41.5057, -59.4694



112.6710, 29.2492, -1.4655

Triad

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



96.8100, 41.5057, -59.4694



110.3400, -15.4506, 55.8298



96.3480, -11.5106, -41.5242

Complementary

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



96.8100, 41.5057, -59.4694



113.1900, -41.5057, 59.4694

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.



103.8010, -28.4959, -6.8415



96.8100, 41.5057, -59.4694



109.4080, -28.7951, 42.6152

Square

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



96.8100, 41.5057, -59.4694



111.5690, 0.7055, 53.8750



107.3700, -34.6924, 20.7235



87.5620, 10.5689, -76.7919

Rectangle

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



96.8100, 41.5057, -59.4694



114.0610, 21.1689, 23.6255



107.3700, -34.6924, 20.7235



100.0030, -18.2425, -28.9436

Sweetspot

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



96.8100, 41.5057, -59.4694



202.0970, 16.2212, -22.8871



125.7480, -15.1588, -84.8480



97.7300, 9.5001, -13.7952



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.



96.8100, 41.5057, -59.4694



104.8610, 64.1585, -91.9631



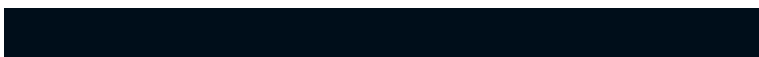
52.1980, 63.4994, -20.3446



83.9610, 2.4842, -3.4738



68.5110, 41.6531, -60.0841



11.1820, 7.3053, -9.8066

Inverse Universe

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



84.2520, 15.1588, 84.8480



85.4270, 23.4535, 131.1755



157.8020, -63.4994, 20.3446



83.2610, 0.8573, 5.0331



55.6650, 15.4482, 85.3628



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 96.8100, 41.5057, -59.4694 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 96.8100, 41.5057, -59.4694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

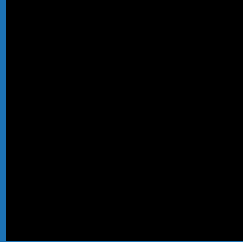
Any Text WCAG AA × Fail

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 96.8100, 41.5057, -59.4694 Background



This preview shows how black text looks on a background with the YUV color 96.8100, 41.5057, -59.4694.



This preview shows how white text looks on a background with the YUV color 96.8100, 41.5057,

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

96.8100, 41.5057, -59.4694

Protanopia

108.7610, 32.6558, -20.8384

Deuteranopia

105.0410, 37.9408, -35.9930



Tritanopia

87.2490, 22.0622, -76.5174

Trichromacy



Original Color

96.8100, 41.5057, -59.4694

Protanomaly

104.7700, 35.6094, -34.8783

Deuteranomaly

101.7410, 39.5677, -44.4999

Tritanomaly

90.8290, 29.1713, -70.0100

Monochromacy



Original Color

96.8100, 41.5057, -59.4694

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1680, 15.2002, -22.0723

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8100, 41.5057, -59.4694 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(29, 115, 181)` looks like.

```
.text, #text, p{  
    color:rgb(29, 115, 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(29, 115, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 115, 181) }
```

Border

The CSS property to change the border of an element to YUV 96.8100, 41.5057, -59.4694 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(29, 115, 181) }
```


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

```
.border{ border-color:rgb(29, 115, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 115, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 115, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 115, 181);  
box-shadow:4px 4px 4px 4px rgb(29, 115,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 96.8100, 41.5057, -59.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 115, 181) }
```

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

```
.background{ background-color: rgb(29, 115,  
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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