

Converting Colors

YUV(106.5960, 59.3592,
-92.6077)

Have a look what the booklet for
YUV(106.5960, 59.3592, -92.6077)
contains.

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Color

**YUV(106.5960, 59.3592,
-92.6077)**

Conversions

Conversions Part 1

Format	Color
Hex	0189E3
RGB	1, 137, 227
RGB Percent	0%, 54%, 89%
CMY	0.9961, 0.4627, 0.1098
CMYK	1.00, 0.40, 0.00, 0.11
HSL	204°, 99%, 45%
HSV	204°, 100%, 89%
XYZ	22.8233, 23.4438, 75.9952
YIQ	106.5960, -109.9460, -0.8420

Conversions

Conversions Part 2

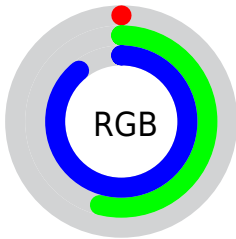
Format	Color
R_{YB}	1, 86, 227
Decimal	100835
CIE _{Lab}	55.53, 2.47, -54.09
CIE _{LCh}	56, 54.142, 272.619
Yxy	23.4438, 0.1867, 0.1918
Android (android.graphics.Color)	4278290915 (0xFF0189E3)
YUV	106.5960, 59.3592, -92.6077
Hunter-Lab	48.4188, -0.5929, -59.1648

Details

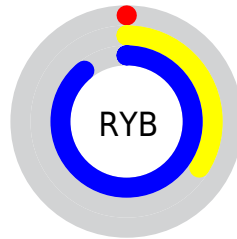
The YUV color **106.5960, 59.3592, -92.6077** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **121.4040, -59.3592, 92.6077**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9950, 40.9215, -58.7546**, and **71.1500, 49.2260, -62.3986** is the 20% darker color. If you saturate the color by 10%, you get **106.2970, 59.5066, -93.2225**, and if you desaturate by 10%, it is **118.7560, 53.3643, -83.1010**.

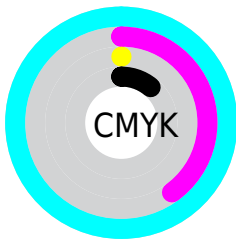
Distribution



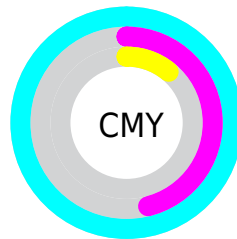
- Red (0%)
- Green (54%)
- Blue (89%)



- Red (0%)
- Yellow (34%)
- Blue (89%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (46%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.5960, 59.3592, -92.6077 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 106.5960, 59.3592, -92.6077 by changing the saturation by 10% instead.

■ 106.5960, 59.3592,
-92.6077

■ 106.5960, 59.3592,
-92.6077

255.0000, 0.0000,
0.0000

■ 88.4300, 54.5110,
-77.5531

■ 171.9950, 40.9215,
-58.7546

■ 71.1500, 49.2260,
-62.3986

■ 198.2980, 27.9541,
-52.8813

■ 54.5710, 44.0885,
-47.8588

■ 224.0030, 15.2815,
-48.2376

■ 39.2800, 38.8090,
-34.4486

■ 238.8540, 7.9600,
-33.1980

■ 25.1630, 32.9506,
-22.0680

■ 248.1230, 3.3904,
-14.1399

■ 12.4480, 27.3871,
-10.9169

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 106.5960, 59.3592,
-92.6077

■ 106.5960, 59.3592,
-92.6077

■ 106.2970, 59.5066,
-93.2225

■ 118.7560, 53.3643,
-83.1010

■ 130.6170, 47.5168,
-74.2091

■ 142.7770, 41.5219,
-64.7024

■ 154.9370, 35.5271,
-55.1957

■ 167.0970, 29.5322,
-45.6891

■ 178.9580, 23.6847,
-36.7972

■ 191.1180, 17.6898,
-27.2905

■ 203.2780, 11.6949,
-17.7838

■ 215.1390, 5.8475,
-8.8919

Harmonies

Analogous

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



112.0870, 51.2291, -98.3003



106.5960, 59.3592, -92.6077



135.6960, 38.1109, 2.8976

Triad

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



106.5960, 59.3592, -92.6077



130.0280, -22.1988, 73.6434



106.4320, -9.0870, -72.2929

Complementary

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



106.5960, 59.3592, -92.6077



121.4040, -59.3592, 92.6077

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.



122.1670, -37.0573, -14.1785



106.5960, 59.3592, -92.6077



129.4990, -40.1790, 53.9364

Square

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



106.5960, 59.3592, -92.6077



132.0600, -0.5226, 74.4924



126.8360, -48.2331, 23.8228



106.4890, 14.5489, -93.3909

Rectangle

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



106.5960, 59.3592, -92.6077



136.9300, 26.6565, 36.8954



126.8360, -48.2331, 23.8228



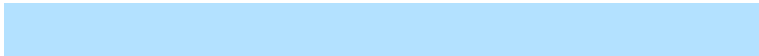
115.2090, -20.8090, -45.7873

Sweetspot

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



106.5960, 59.3592, -92.6077



214.6660, 19.8847, -31.2791



143.5800, -27.4009, -125.0427



103.0930, 12.2792, -18.4986



0.0000, 0.0000, 0.0000



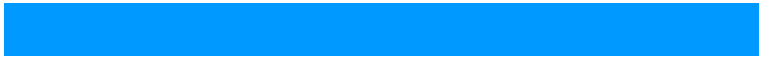
128.0000, 0.0000, 0.0000

Same Dimension

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



106.5960, 59.3592, -92.6077



118.8810, 67.1067, -104.2586



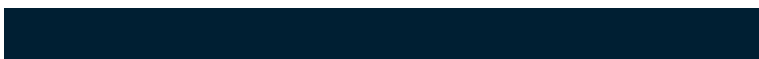
42.0260, 91.1922, -35.9798



108.4770, 3.2158, -4.8033



83.2150, 47.2220, -72.9796



24.0110, 13.3056, -21.0576

Inverse Universe

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



84.0780, 26.0905, 125.3426



93.6870, 29.2413, 141.4715



185.9740, -91.1922, 35.9798



107.3860, 1.2887, 6.6775



65.7190, 20.3515, 99.3474



18.7830, 6.0230, 28.2543

Previews

White Background



This preview shows how the YUV color 106.5960, 59.3592, -92.6077 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 106.5960, 59.3592, -92.6077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

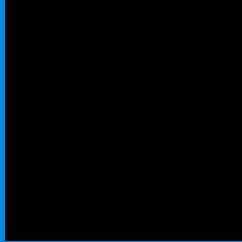
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 106.5960, 59.3592, -92.6077

Background



This preview shows how black text looks on a background with the YUV color 106.5960, 59.3592, -92.6077.

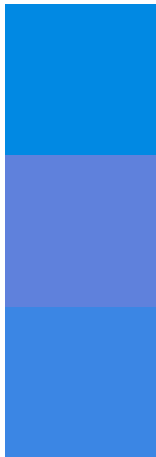


This preview shows how white text looks on a background with the YUV color 106.5960, 59.3592, -92.6077.

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

106.5960, 59.3592, -92.6077

Protanopia

129.2080, 44.7605, -30.0004

Deuteranopia

122.2910, 52.1145, -55.5062



Tritanopia

104.1870, 26.0368, -91.3720

Trichromacy



Original Color

106.5960, 59.3592, -92.6077

Protanomaly

121.1450, 50.2145, -52.7472

Deuteranomaly

116.5990, 54.9207, -68.9313

Tritanomaly

104.6890, 38.1143, -91.8123

Monochromacy



Original Color

106.5960, 59.3592, -92.6077

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8120, 21.7847, -34.0381

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.5960, 59.3592, -92.6077 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(1, 137, 227)` looks like.

```
.text, #text, p{  
    color:rgb(1, 137, 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(1, 137, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 137, 227) }
```

Border

The CSS property to change the border of an element to YUV 106.5960, 59.3592, -92.6077 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(1, 137, 227) }
```


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

```
.border{ border-color:rgb(1, 137, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 137, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 137, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 137, 227);  
box-shadow:4px 4px 4px 4px rgb(1, 137,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 106.5960, 59.3592, -92.6077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 137, 227) }
```

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

```
.background{ background-color: rgb(1, 137,  
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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