

Converting Colors

YUV(8.9590, 8.8942, -6.1030)

Have a look what the booklet for
YUV(8.9590, 8.8942, -6.1030)
contains.

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Color

YUV(8.9590, 8.8942, -6.1030)

Conversions

Conversions Part 1

Format	Color
Hex	02091B
RGB	2, 9, 27
RGB Percent	1%, 4%, 11%
CMY	0.9922, 0.9647, 0.8941
CMYK	0.93, 0.67, 0.00, 0.89
HSL	223°, 86%, 6%
HSV	223°, 93%, 11%
XYZ	0.3206, 0.2874, 1.0755
YIQ	8.9590, -9.9500, 4.1140

Conversions

Conversions Part 2

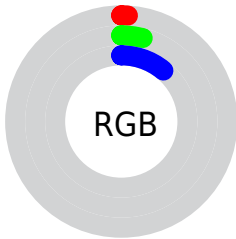
Format	Color
RYB	2, 7, 27
Decimal	133403
CIELab	2.60, 1.94, -10.85
CIElCh	3, 11.022, 280.141
Yxy	0.2874, 0.1904, 0.1707
Android (android.graphics.Color)	4278323483 (0xFF02091B)
YUV	8.9590, 8.8942, -6.1030
Hunter-Lab	5.3611, 1.2910, -8.1415

Details

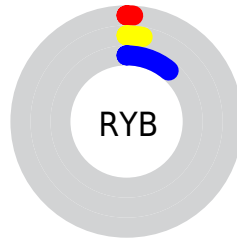
The YUV color **8.9590, 8.8942, -6.1030** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **20.0410, -8.8942, 6.1030**, and the grayscale version is **9.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **54.0300, 7.8732, -5.2883**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **7.7740, 9.4784, -6.8178**, and if you desaturate by 10%, it is **11.0300, 7.8732, -5.2883**.

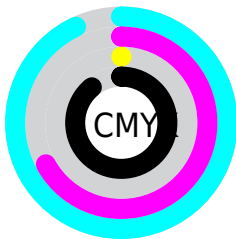
Distribution



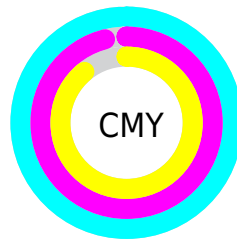
- Red (1%)
- Green (4%)
- Blue (11%)



- Red (1%)
- Yellow (3%)
- Blue (11%)



- Cyan (93%)
- Magenta (67%)
- Yellow (0%)
- Black (89%)



- Cyan (99%)
- Magenta (96%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 8.9590, 8.8942, -6.1030 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 8.9590, 8.8942, -6.1030 by changing the saturation by 10% instead.

■ 8.9590, 8.8942,
-6.1030

■ 8.9590, 8.8942,
-6.1030

■ 233.6000, 10.0572,
-5.7882

■ 0.0000, 0.0000,
0.0000

■ 54.0300, 7.8732,
-5.2883

■ 76.5570, 8.5994,
-4.8735

■ 100.2580, 8.7468,
-5.4883

■ 125.3720, 9.1836,
-5.5882

■ 151.3720, 9.1836,
-5.5882

■ 178.4860, 9.6204,

-5.6882

■ 205.6000, 10.0572,
-5.7882

■ 8.9590, 8.8942,
-6.1030

■ 8.9590, 8.8942,
-6.1030

■ 7.7740, 9.4784,
-6.8178

■ 11.0300, 7.8732,
-5.2883

■ 12.8020, 6.9996,
-5.0884

■ 14.8730, 5.9786,
-4.2736

■ 16.9440, 4.9576,
-3.4589

■ 19.0150, 3.9366,
-2.6442

■ 20.7870, 3.0630,
-2.4442

■ 22.8580, 2.0420,
-1.6295

■ 24.9290, 1.0210,
-0.8147

■ 26.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



10.5950, 7.5947, -9.2918



8.9590, 8.8942, -6.1030



10.7540, 6.5303, 5.4777

Triad

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



8.9590, 8.8942, -6.1030



9.2470, -4.5588, 15.5694



9.3920, -4.6303, -8.2368

Complementary

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



8.9590, 8.8942, -6.1030



20.0410, -8.8942, 6.1030

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.



8.2180, -4.0515, -7.2072



8.9590, 8.8942, -6.1030



9.8010, -4.8319, 9.8215

Square

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



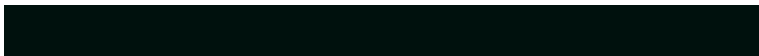
8.9590, 8.8942, -6.1030



9.8280, -2.3802, 16.8138



9.4470, -4.6574, 0.4850



11.4610, 0.7587, -10.0513

Rectangle

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



8.9590, 8.8942, -6.1030



10.9180, 4.4774, 10.5959



9.4470, -4.6574, 0.4850



9.3920, -4.6303, -8.2368

Sweetspot

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



8.9590, 8.8942, -6.1030



28.9010, 3.4998, -2.5442



18.7270, 0.6276, -14.6696



13.2710, 2.3314, -1.1147



145.0000, 0.0000, 0.0000



18.0000, 0.0000, 0.0000

Same Dimension

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



8.9590, 8.8942, -6.1030



9.9740, 12.8308, -8.7472



6.3450, 10.1829, 0.5744



11.8150, 0.5842, -0.7148



21.1050, 27.5562, -18.5091



56.7150, 72.6115, -49.7391

Inverse Universe

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



10.2730, -0.6276, 14.6696



11.9040, -0.9387, 21.1322



22.6550, -10.1829, -0.5744



11.7120, 0.1420, 1.1296



25.4170, -2.1776, 45.2383



67.4940, -5.1735, 119.7158

Previews

White Background



This preview shows how the YUV color 8.9590, 8.8942, -6.1030 looks on a white background.

Color Contrast Check

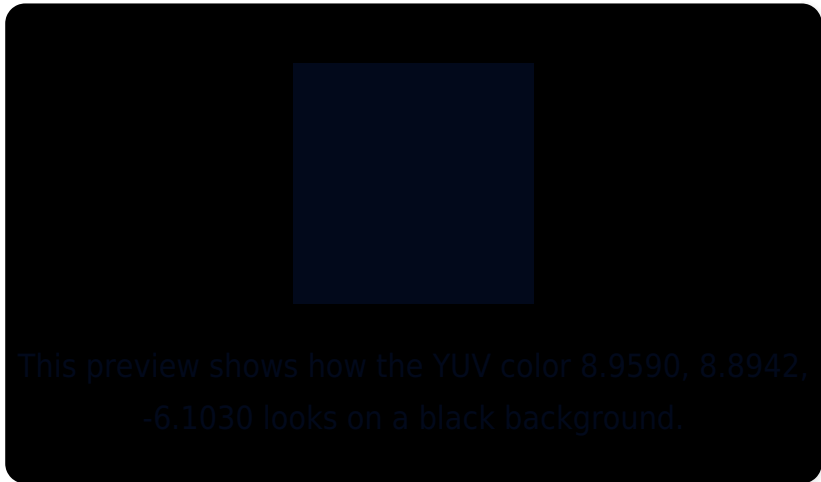
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

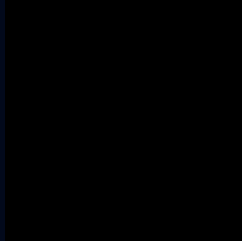
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 8.9590, 8.8942, -6.1030

Background



This preview shows how black text looks on a background with the YUV color 8.9590, 8.8942, -6.1030.



This preview shows how white text looks on a background with the YUV color 8.9590, 8.8942, -6.1030.

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

8.9590, 8.8942, -6.1030

Protanopia

8.9650, 6.4263, -7.8623

Deuteranopia

8.6230, 5.1159, -7.5624



Tritanopia

8.5260, 2.2057, -7.4773

Trichromacy



Original Color

8.9590, 8.8942, -6.1030

Protanomaly

8.9050, 7.4418, -6.9327

Deuteranomaly

8.6770, 6.5682, -6.7327

Tritanomaly

8.8080, 4.5317, -6.8476

Monochromacy



Original Color

8.9590, 8.8942, -6.1030

Achromatopsia

9.0000, 0.0000, 0.0000

Achromatomaly

8.9010, 3.4998, -2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 8.9590, 8.8942, -6.1030 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(2, 9, 27)` looks like.

```
.text, #text, p{  
    color:rgb(2, 9, 27)  
}
```

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(2, 9, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 9, 27) }
```

Border

The CSS property to change the border of an element to YUV 8.9590, 8.8942, -6.1030 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(2, 9, 27) }
```

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

```
.border{ border-color:rgb(2, 9, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 9, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 9, 27); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 9, 27); box-shadow:4px  
4px 4px 4px rgb(2, 9, 27) }
```


Background

The CSS property to change the background color of an element to YUV 8.9590, 8.8942, -6.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 9, 27) }
```

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

```
.background{ background-color: rgb(2, 9,  
27) }
```

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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