

Converting Colors

YUV(100.9440, 61.6526,
-81.5119)

Have a look what the booklet for
YUV(100.9440, 61.6526, -81.5119)
contains.

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Color

**YUV(100.9440, 61.6526,
-81.5119)**

Conversions

Conversions Part 1

Format	Color
Hex	087CE2
RGB	8, 124, 226
RGB Percent	3%, 49%, 89%
CMY	0.9686, 0.5137, 0.1137
CMYK	0.96, 0.45, 0.00, 0.11
HSL	208°, 93%, 46%
HSV	208°, 96%, 89%
XYZ	21.0353, 19.9579, 74.6951
YIQ	100.9440, -101.8780, 7.1300

Conversions

Conversions Part 2

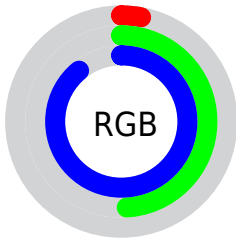
Format	Color
RYB	8, 84, 226
Decimal	556258
CIELab	51.79, 10.24, -59.51
CIELCh	52, 60.387, 279.767
Yxy	19.9579, 0.1818, 0.1725
Android (android.graphics.Color)	4278746338 (0xFF087CE2)
YUV	100.9440, 61.6526, -81.5119
Hunter-Lab	44.6743, 5.8682, -67.8605

Details

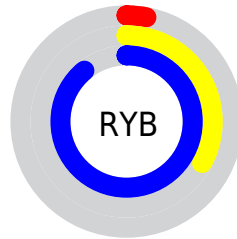
The YUV color **100.9440, 61.6526, -81.5119** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **133.0560, -61.6526, 81.5119**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0760, 44.8255, -50.9327**, and **63.9920, 52.2619, -56.1210** is the 20% darker color. If you saturate the color by 10%, you get **96.2040, 63.9894, -84.3709**, and if you desaturate by 10%, it is **114.2780, 55.0789, -73.0348**.

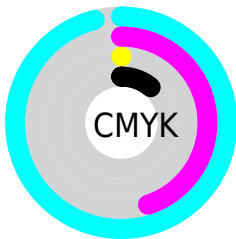
Distribution



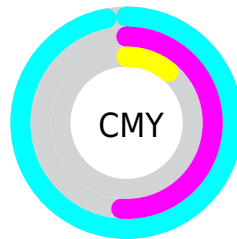
- Red (3%)
- Green (49%)
- Blue (89%)



- Red (3%)
- Yellow (33%)
- Blue (89%)



- Cyan (96%)
- Magenta (45%)
- Yellow (0%)
- Black (11%)



- Cyan (97%)
- Magenta (51%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.9440, 61.6526, -81.5119 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 100.9440, 61.6526, -81.5119 by changing the saturation by 10% instead.

■ 100.9440, 61.6526,
-81.5119

■ 100.9440, 61.6526,
-81.5119

255.0000, 0.0000,
0.0000

■ 81.2720, 57.5469,
-71.2755

■ 164.0760, 44.8255,
-50.9327

■ 63.9920, 52.2619,
-56.1210

■ 189.7920, 32.1475,
-44.5446

■ 48.5870, 46.5456,
-42.6108

■ 215.4970, 19.4750,
-39.9009

■ 33.8830, 40.9767,
-29.7154

■ 238.8540, 7.9600,
-33.1980

■ 17.4180, 36.2759,
-15.2756

■ 248.1230, 3.3904,
-14.1399

■ 11.7470, 27.2397,
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 100.9440, 61.6526,
-81.5119

■ 100.9440, 61.6526,
-81.5119

■ 96.2040, 63.9894,
-84.3709

■ 114.2780, 55.0789,
-73.0348

■ 126.7260, 48.9421,
-64.6577

■ 140.0600, 42.3684,
-56.1806

■ 152.5080, 36.2316,
-47.8035

■ 165.8420, 29.6579,
-39.3264

■ 178.5890, 23.3736,
-30.3346

■ 191.6240, 16.9474,
-22.4722

■ 204.9580, 10.3737,
-13.9952

■ 217.4060, 4.2368,
-5.6181

Harmonies

Analogous

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



106.7870, 56.3070, -93.6522



100.9440, 61.6526, -81.5119



127.0830, 37.9201, 17.4672

Triad

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



100.9440, 61.6526, -81.5119



118.3290, -28.7562, 76.8875



94.9190, -4.3971, -83.2440

Complementary

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



100.9440, 61.6526, -81.5119



133.0560, -61.6526, 81.5119

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.



108.0080, -35.9929, -28.9480



100.9440, 61.6526, -81.5119



117.3880, -51.9563, 51.4027

Square

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



100.9440, 61.6526, -81.5119



117.8010, -4.3389, 85.2435



113.7290, -56.0684, 16.9007



102.1350, 18.1744, -89.5724

Rectangle

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



100.9440, 61.6526, -81.5119



125.2740, 25.0079, 52.3797



113.7290, -56.0684, 16.9007



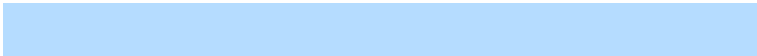
91.6930, -11.6806, -80.4148

Sweetspot

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



100.9440, 61.6526, -81.5119



212.3290, 21.0368, -27.4755



147.5940, -18.5338, -122.4239



102.2180, 12.7105, -16.8542



0.0000, 0.0000, 0.0000



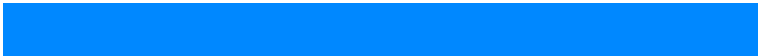
128.0000, 0.0000, 0.0000

Same Dimension

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



100.9440, 61.6526, -81.5119



108.9020, 72.0263, -95.5071



36.9610, 93.1962, -25.3988



105.7760, 3.0684, -4.1886



75.2420, 49.6737, -65.9872



20.7340, 13.4421, -18.1837

Inverse Universe

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



86.4060, 18.5338, 122.4239



91.7490, 21.8157, 143.1711



197.0390, -93.1962, 25.3988



104.9730, 0.9993, 6.1627



63.3400, 15.1154, 98.8028



17.3160, 4.2812, 26.9099

Previews

White Background



This preview shows how the YUV color 100.9440, 61.6526, -81.5119 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 100.9440, 61.6526, -81.5119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

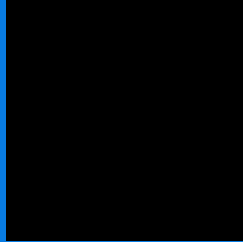
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 100.9440, 61.6526, -81.5119

Background



This preview shows how black text looks on a background with the YUV color 100.9440, 61.6526, -81.5119.



This preview shows how white text looks on a background with the YUV color 100.9440, 61.6526, -81.5119.

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

100.9440, 61.6526, -81.5119

Protanopia

116.8740, 51.3341, -38.4775

Deuteranopia

98.5690, 60.3585, -86.4450



Tritanopia

96.4760, 24.4153, -84.6095

Trichromacy



Original Color

100.9440, 61.6526, -81.5119

Protanomaly

111.1000, 55.1667, -54.4617

Deuteranomaly

99.6940, 60.7899, -84.8006

Tritanomaly

98.3310, 37.7978, -83.6053

Monochromacy



Original Color

100.9440, 61.6526, -81.5119

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.6600, 22.3526, -29.5198

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.9440, 61.6526, -81.5119 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(8, 124, 226)` looks like.

```
.text, #text, p{  
    color:rgb(8, 124, 226)  
}
```

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(8, 124, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 124, 226) }
```

Border

The CSS property to change the border of an element to YUV 100.9440, 61.6526, -81.5119 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(8, 124, 226) }
```


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

```
.border{ border-color:rgb(8, 124, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 124, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 124, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 124, 226);  
box-shadow:4px 4px 4px 4px rgb(8, 124,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 100.9440, 61.6526, -81.5119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 124, 226) }
```

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

```
.background{ background-color: rgb(8, 124,  
226) }
```

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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