

Converting Colors

YUV(92.4590, 47.1017,
-81.0865)

Have a look what the booklet for
YUV(92.4590, 47.1017, -81.0865)
contains.

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Color

**YUV(92.4590, 47.1017,
-81.0865)**

Conversions

Conversions Part 1

Format	Color
Hex	0079BC
RGB	0, 121, 188
RGB Percent	0%, 47%, 74%
CMY	1.0000, 0.5255, 0.2627
CMYK	1.00, 0.36, 0.00, 0.26
HSL	201°, 100%, 37%
HSV	201°, 100%, 74%
XYZ	15.9145, 17.3056, 50.0785
YIQ	92.4590, -93.6230, -4.8150

Conversions

Conversions Part 2

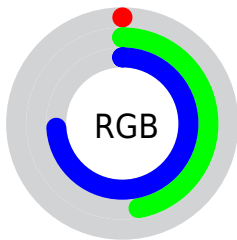
Format	Color
RYB	0, 74, 188
Decimal	31164
CIELab	48.64, -3.05, -42.93
CIELCh	49, 43.036, 265.938
Yxy	17.3056, 0.1911, 0.2078
Android (android.graphics.Color)	4278221244 (0xFF0079BC)
YUV	92.4590, 47.1017, -81.0865
Hunter-Lab	41.6000, -4.5131, -42.2539

Details

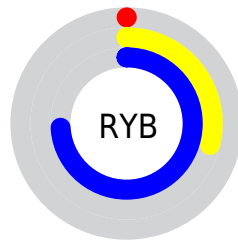
The YUV color **92.4590, 47.1017, -81.0865** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **95.5410, -47.1017, 81.0865**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.5870, 43.0946, -55.7658**, and **58.1270, 37.4054, -50.9774** is the 20% darker color. If you saturate the color by 10%, you get **92.4590, 47.1017, -81.0865**, and if you desaturate by 10%, it is **102.2490, 42.2752, -73.0094**.

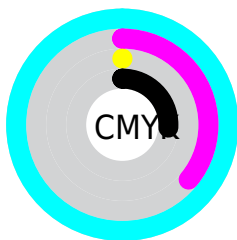
Distribution



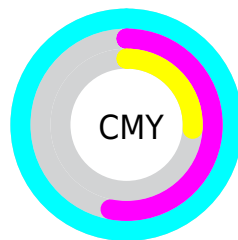
- Red (0%)
- Green (47%)
- Blue (74%)



- Red (0%)
- Yellow (29%)
- Blue (74%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (53%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.4590, 47.1017, -81.0865 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 92.4590, 47.1017, -81.0865 by changing the saturation by 10% instead.

■ 92.4590, 47.1017,
-81.0865

■ 92.4590, 47.1017,
-81.0865

■ 255.0000, 0.0000,
0.0000

■ 74.7060, 42.5429,
-65.5172

■ 157.5870, 43.0946,
-55.7658

■ 58.1270, 37.4054,
-50.9774

■ 183.8450, 35.0794,
-51.6071

■ 42.3630, 32.8520,
-37.1524

■ 209.5500, 22.4069,
-46.9633

■ 27.7730, 27.7199,
-24.3569

■ 234.3690, 10.1711,
-42.4196

■ 10.3620, 24.4715,
-9.0875

■ 243.3390, 5.7489,
-23.9763

■ 5.5060, 16.0195,
-4.8288

■ 252.3090, 1.3267,

■ 2.1830, 5.8258,

-5.5330

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 92.4590, 47.1017,
-81.0865

■ 102.2490, 42.2752,
-73.0094

■ 111.4520, 37.7382,
-64.4174

■ 120.9430, 33.0591,
-56.9550

■ 130.7330, 28.2326,
-48.8778

■ 140.5230, 23.4062,
-40.8007

■ 149.7260, 18.8691,
-32.2087

■ 159.5160, 14.0426,
-24.1315

■ 169.0070, 9.3635,
-16.6691

■ 178.2100, 4.8265,
-8.0772

Harmonies

Analogous

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



95.6730, 39.1082, -83.9052



92.4590, 47.1017, -81.0865



116.6210, 31.7388, -6.6836

Triad

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



92.4590, 47.1017, -81.0865



114.7040, -14.1511, 59.0186



101.9740, -14.2842, -38.5652

Complementary

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



92.4590, 47.1017, -81.0865



95.5410, -47.1017, 81.0865

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.



108.8400, -30.9801, -3.3677



92.4590, 47.1017, -81.0865



113.8430, -28.5166, 46.6187

Square

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



92.4590, 47.1017, -81.0865



116.7370, 2.5947, 54.6047



112.0500, -36.0136, 24.5122



90.4970, 9.1220, -79.3659

Rectangle

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



92.4590, 47.1017, -81.0865



119.2070, 23.0689, 20.8665



112.0500, -36.0136, 24.5122



105.0420, -20.7267, -25.4698

Sweetspot

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



92.4590, 47.1017, -81.0865



207.6120, 18.4323, -32.1087



117.8800, -25.5768, -103.3808



100.0390, 10.8268, -19.3282



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



92.4590, 47.1017, -81.0865



120.6760, 61.2917, -105.8329



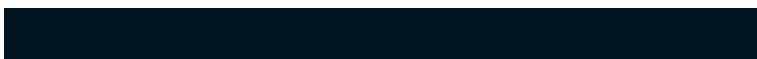
37.8680, 74.0151, -33.2102



89.5480, 2.1948, -3.9886



77.8860, 39.4962, -68.3060



15.2740, 7.7529, -13.3953

Inverse Universe

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



70.0060, 25.1400, 103.4807



91.2670, 32.8994, 134.8238



150.1320, -74.0151, 33.2102



88.3750, 1.2941, 4.9331



58.8700, 21.2631, 86.9370



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 92.4590, 47.1017, -81.0865 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 92.4590, 47.1017, -81.0865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

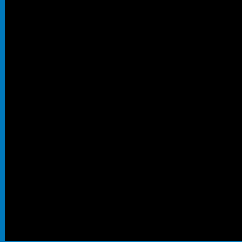
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.4590, 47.1017, -81.0865

Background



This preview shows how black text looks on a background with the YUV color 92.4590, 47.1017, -81.0865.



This preview shows how white text looks on a background with the YUV color 92.4590, 47.1017,

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

92.4590, 47.1017, -81.0865

Protanopia

113.8750, 33.0926, -20.9384

Deuteranopia

109.9700, 38.9618, -36.8077



Tritanopia

90.7540, 22.7993, -79.5913

Trichromacy



Original Color

92.4590, 47.1017, -81.0865

Protanomaly

106.1110, 38.3993, -43.0703

Deuteranomaly

103.6690, 42.0682, -53.2067

Tritanomaly

91.1590, 31.9666, -79.9464

Monochromacy



Original Color

92.4590, 47.1017, -81.0865

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.5800, 16.9691, -29.4497

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.4590, 47.1017, -81.0865 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(0, 121, 188)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 188)  
}
```

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(0, 121, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 188) }
```

Border

The CSS property to change the border of an element to YUV 92.4590, 47.1017, -81.0865 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(0, 121, 188) }
```


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

```
.border{ border-color:rgb(0, 121, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 121, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 188);  
box-shadow:4px 4px 4px 4px rgb(0, 121,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 92.4590, 47.1017, -81.0865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 188) }
```

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

```
.background{ background-color: rgb(0, 121,  
188) }
```

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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