

Converting Colors

YUV(91.3820, 50.5907,
-80.1420)

Have a look what the booklet for
YUV(91.3820, 50.5907, -80.1420)
contains.

YUV(91.3820, 50.5907, -80.1420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(91.3820, 50.5907,
-80.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	0076C2
RGB	0, 118, 194
RGB Percent	0%, 46%, 76%
CMY	1.0000, 0.5373, 0.2392
CMYK	1.00, 0.39, 0.00, 0.24
HSL	204°, 100%, 38%
HSV	204°, 100%, 76%
XYZ	16.2160, 16.8519, 53.4370
YIQ	91.3820, -94.7240, -1.3800

Conversions

Conversions Part 2

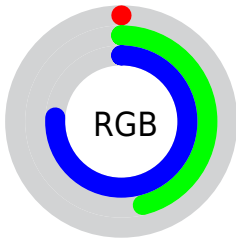
Format	Color
RYB	0, 73, 194
Decimal	30402
CIELab	48.07, 1.14, -47.29
CIELCh	48, 47.301, 271.379
Yxy	16.8519, 0.1875, 0.1948
Android (android.graphics.Color)	4278220482 (0xFF0076C2)
YUV	91.3820, 50.5907, -80.1420
Hunter-Lab	41.0511, -1.3281, -48.4432

Details

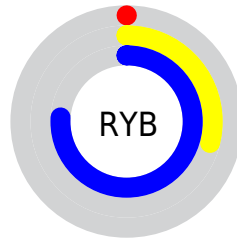
The YUV color **91.3820, 50.5907, -80.1420** is a dark color, and the websafe version is hex **336699**. The color can be described as dark washed azure. A complement of this color would be **102.6180, -50.5907, 80.1420**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1080, 46.2888, -53.5917**, and **57.0500, 40.8944, -50.0328** is the 20% darker color. If you saturate the color by 10%, you get **91.3820, 50.5907, -80.1420**, and if you desaturate by 10%, it is **101.7590, 45.4748, -72.5796**.

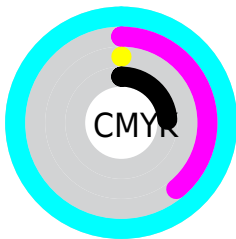
Distribution



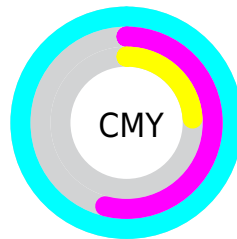
- Red (0%)
- Green (46%)
- Blue (76%)



- Red (0%)
- Yellow (29%)
- Blue (76%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (54%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.3820, 50.5907, -80.1420 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 91.3820, 50.5907, -80.1420 by changing the saturation by 10% instead.

■ 91.3820, 50.5907,
-80.1420

■ 91.3820, 50.5907,
-80.1420

■ 255.0000, 0.0000,
0.0000

■ 74.2160, 45.7425,
-65.0874

■ 157.1080, 46.2888,
-53.5917

■ 57.0500, 40.8944,
-50.0328

■ 182.6820, 35.6528,
-48.8331

■ 41.7590, 35.6148,
-36.6226

■ 208.3870, 22.9802,
-44.1894

■ 27.1690, 30.4827,
-23.8272

■ 233.7930, 10.4551,
-40.1605

■ 11.5190, 26.3661,
-10.1022

■ 243.9370, 5.4541,
-22.7467

■ 6.5490, 17.4773,
-5.7435

■ 253.2060, 0.8844,

■ 2.8670, 8.4466,

-3.6887

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 91.3820, 50.5907,
-80.1420

■ 101.7590, 45.4748,
-72.5796

■ 111.8480, 40.5009,
-63.8877

■ 122.2250, 35.3851,
-56.3253

■ 132.3140, 30.4112,
-47.6334

■ 142.6910, 25.2953,
-40.0710

■ 153.0680, 20.1795,
-32.5086

■ 163.1570, 15.2056,
-23.8167

■ 173.5340, 10.0897,
-16.2543

■ 183.6230, 5.1159,
-7.5624

Harmonies

Analogous

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



96.1120, 43.3288, -84.2902



91.3820, 50.5907, -80.1420



116.3060, 32.8801, 0.6086

Triad

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



91.3820, 50.5907, -80.1420



112.2870, -18.3825, 62.8923



94.0150, -9.8674, -55.2642

Complementary

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



91.3820, 50.5907, -80.1420



102.6180, -50.5907, 80.1420

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.



105.2690, -31.6846, -10.7599



91.3820, 50.5907, -80.1420



111.7630, -33.9002, 46.6888

Square

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



91.3820, 50.5907, -80.1420



113.5100, 0.2416, 62.6967



109.4750, -40.6602, 21.5084



91.1810, 11.7428, -79.9657

Rectangle

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



91.3820, 50.5907, -80.1420



117.2620, 23.0418, 29.5882



109.4750, -40.6602, 21.5084



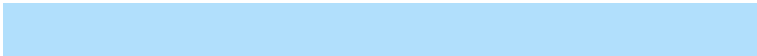
100.1330, -18.7996, -36.9506

Sweetspot

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



91.3820, 50.5907, -80.1420



212.5520, 19.4479, -31.1791



122.3140, -23.8188, -107.2694



103.6800, 11.9898, -19.0134



0.0000, 0.0000, 0.0000



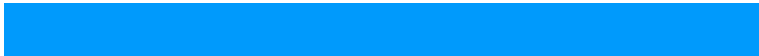
128.0000, 0.0000, 0.0000

Same Dimension

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



91.3820, 50.5907, -80.1420



119.1260, 65.5069, -104.4735



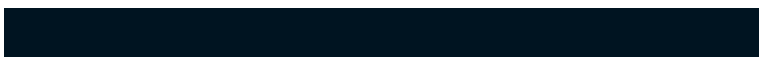
35.6170, 78.0828, -31.2361



91.6620, 2.6316, -4.0886



75.8800, 41.9642, -66.5468



15.5020, 8.6265, -13.5953

Inverse Universe

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



71.4580, 22.9452, 107.4693



92.9040, 30.1203, 139.5272



158.3830, -78.0828, 31.2361



90.6740, 1.1467, 5.5479



59.3110, 19.0737, 89.1813



12.1470, 3.8715, 18.2881

Previews

White Background



This preview shows how the YUV color 91.3820, 50.5907, -80.1420 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 91.3820, 50.5907, -80.1420 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 91.3820, 50.5907, -80.1420

Background



This preview shows how black text looks on a background with the YUV color 91.3820, 50.5907, -80.1420.



This preview shows how white text looks on a background with the YUV color 91.3820, 50.5907,

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

91.3820, 50.5907, -80.1420

Protanopia

111.4060, 37.7608, -24.9121

Deuteranopia

105.5820, 44.0831, -46.1144



Tritanopia

89.3520, 22.5045, -78.3617

Trichromacy



Original Color

91.3820, 50.5907, -80.1420

Protanomaly

104.4250, 42.1885, -45.0997

Deuteranomaly

100.4880, 46.5944, -58.3100

Tritanomaly

89.9850, 32.5454, -78.9168

Monochromacy



Original Color

91.3820, 50.5907, -80.1420

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.2210, 18.1320, -29.1348

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.3820, 50.5907, -80.1420 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, 118, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 194)  
}
```

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, 118, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 194) }
```

Border

The CSS property to change the border of an element to YUV 91.3820, 50.5907, -80.1420 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, 118, 194) }
```


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

```
.border{ border-color:rgb(0, 118, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 118,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 91.3820, 50.5907, -80.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 194) }
```

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

```
.background{ background-color: rgb(0, 118,  
194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor