

Converting Colors

YUV(90.5790, 65.2836,
-79.4378)

Have a look what the booklet for
YUV(90.5790, 65.2836, -79.4378)
contains.

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Color

**YUV(90.5790, 65.2836,
-79.4378)**

Conversions

Conversions Part 1

Format	Color
Hex	006FDF
RGB	0, 111, 223
RGB Percent	0%, 44%, 87%
CMY	1.0000, 0.5647, 0.1255
CMYK	1.00, 0.50, 0.00, 0.13
HSL	210°, 100%, 44%
HSV	210°, 100%, 87%
XYZ	19.0037, 16.6966, 72.0332
YIQ	90.5790, -102.1080, 11.3000

Conversions

Conversions Part 2

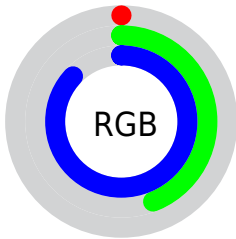
Format	Color
RYB	0, 74, 223
Decimal	28639
CIELab	47.88, 17.05, -64.14
CIELCh	48, 66.366, 284.884
Yxy	16.6966, 0.1764, 0.1550
Android (android.graphics.Color)	4278218719 (0xFF006FDF)
YUV	90.5790, 65.2836, -79.4378
Hunter-Lab	40.8615, 11.5087, -75.9172

Details

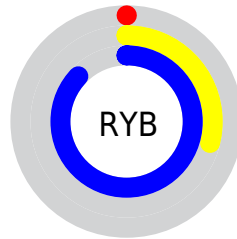
The YUV color **90.5790, 65.2836, -79.4378** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **132.4210, -65.2836, 79.4378**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2600, 49.1718, -44.9550**, and **57.1930, 54.1349, -50.1583** is the 20% darker color. If you saturate the color by 10%, you get **90.5790, 65.2836, -79.4378**, and if you desaturate by 10%, it is **103.6140, 58.8573, -71.5755**.

Distribution



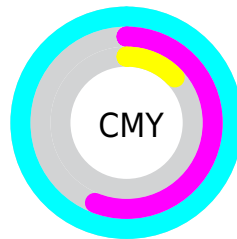
- Red (0%)
- Green (44%)
- Blue (87%)



- Red (0%)
- Yellow (29%)
- Blue (87%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (56%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.5790, 65.2836, -79.4378 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 90.5790, 65.2836, -79.4378 by changing the saturation by 10% instead.

■ 90.5790, 65.2836,
-79.4378

■ 90.5790, 65.2836,
-79.4378

■ 255.0000, 0.0000,
0.0000

■ 73.2990, 59.9986,
-64.2832

■ 155.2600, 49.1718,
-44.9550

■ 57.1930, 54.1349,
-50.1583

■ 180.9760, 36.4938,
-38.5670

■ 41.7880, 48.4185,
-36.6481

■ 206.0940, 24.1107,
-33.4084

■ 28.2580, 42.2708,
-24.7823

■ 232.6850, 11.0013,
-28.6647

■ 14.1410, 36.4125,
-12.4017

■ 247.8240, 3.5378,
-14.7546

■ 11.4050, 25.9293,
-10.0022

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 90.5790, 65.2836,
-79.4378

■ 103.6140, 58.8573,
-71.5755

■ 116.9480, 52.2836,
-63.0984

■ 130.5700, 45.5680,
-55.7509

■ 143.6050, 39.1417,
-47.8886

■ 156.9390, 32.5681,
-39.4115

■ 169.9740, 26.1418,
-31.5492

■ 183.0090, 19.7156,
-23.6869

■ 196.6310, 12.9999,
-16.3394

■ 209.9650, 6.4263,
-7.8623

Harmonies

Analogous

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



100.4440, 59.9271, -88.0894



90.5790, 65.2836, -79.4378



116.2740, 38.3189, 29.5777

Triad

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



90.5790, 65.2836, -79.4378



106.0320, -35.0188, 78.9019



89.7670, -3.8291, -78.7257

Complementary

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



90.5790, 65.2836, -79.4378



132.4210, -65.2836, 79.4378

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.



90.8380, -34.9231, -45.4619



90.5790, 65.2836, -79.4378



107.4260, -52.9610, 46.9844

Square

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



90.5790, 65.2836, -79.4378



101.2970, -6.5554, 96.2095



103.9280, -51.2365, 7.0791



97.0800, 21.6526, -85.1392

Rectangle

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



90.5790, 65.2836, -79.4378



111.0630, 25.1119, 65.7197



103.9280, -51.2365, 7.0791



86.4270, -11.5495, -75.7965

Sweetspot

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



90.5790, 65.2836, -79.4378



209.9700, 22.1998, -27.1607



143.6690, -15.6128, -125.9977



100.1580, 13.7261, -15.9246



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.



90.5790, 65.2836, -79.4378



103.6190, 74.6308, -90.8739



25.4220, 97.4060, -22.2951



105.7760, 3.0684, -4.1886



71.7200, 51.4100, -62.8984



19.5600, 14.0209, -17.1541

Inverse Universe

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



79.3310, 15.6128, 125.9977



90.7230, 17.8846, 144.0709



197.5780, -97.4060, 22.2951



104.9730, 0.9993, 6.1627



62.6560, 12.4946, 99.4027



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 90.5790, 65.2836, -79.4378 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 90.5790, 65.2836, -79.4378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

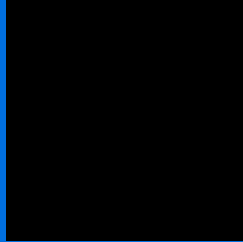
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.5790, 65.2836, -79.4378

Background



This preview shows how black text looks on a background with the YUV color 90.5790, 65.2836, -79.4378.



This preview shows how white text looks on a background with the YUV color 90.5790, 65.2836, -79.4378.

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



Protanopia

102.6320, 58.3554, -50.5433

Deuteranopia

91.0060, 54.2270, -79.8123

Tritanopia

89.2380, 22.0677, -78.2617

Trichromacy



Protanomaly

98.5490, 60.8613, -60.9945

Deuteranomaly

90.7440, 58.3002, -79.5825

Tritanomaly

89.9510, 37.4922, -78.8870

Monochromacy



Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.7140, 23.8050, -28.6902

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.5790, 65.2836, -79.4378 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, 111, 223)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 223)  
}
```

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, 111, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 223) }
```

Border

The CSS property to change the border of an element to YUV 90.5790, 65.2836, -79.4378 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, 111, 223) }
```

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

```
.border{ border-color:rgb(0, 111, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 111, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 223);  
box-shadow:4px 4px 4px 4px rgb(0, 111,  
223) }
```


Background

The CSS property to change the background color of an element to YUV 90.5790, 65.2836, -79.4378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 223) }
```

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

```
.background{ background-color: rgb(0, 111,  
223) }
```

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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