

Converting Colors

YUV(92.4250, 52.0485,
-81.0567)

Have a look what the booklet for
YUV(92.4250, 52.0485, -81.0567)
contains.

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Color

**YUV(92.4250, 52.0485,
-81.0567)**

Conversions

Conversions Part 1

Format	Color
Hex	0077C6
RGB	0, 119, 198
RGB Percent	0%, 47%, 78%
CMY	1.0000, 0.5333, 0.2235
CMYK	1.00, 0.40, 0.00, 0.22
HSL	204°, 100%, 39%
HSV	204°, 100%, 78%
XYZ	16.7899, 17.2709, 55.8748
YIQ	92.4250, -96.2830, -0.6590

Conversions

Conversions Part 2

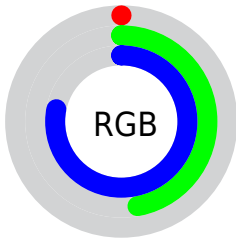
Format	Color
RYB	0, 74, 198
Decimal	30662
CIELab	48.60, 2.10, -48.74
CIELCh	49, 48.788, 272.468
Yxy	17.2709, 0.1867, 0.1920
Android (android.graphics.Color)	4278220742 (0xFF0077C6)
YUV	92.4250, 52.0485, -81.0567
Hunter-Lab	41.5582, -0.6114, -50.6242

Details

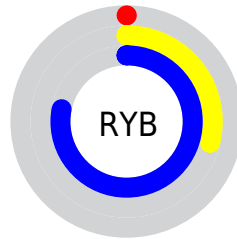
The YUV color **92.4250, 52.0485, -81.0567** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **105.5750, -52.0485, 81.0567**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4500, 47.5992, -53.8916**, and **58.0930, 42.3522, -50.9476** is the 20% darker color. If you saturate the color by 10%, you get **92.4250, 52.0485, -81.0567**, and if you desaturate by 10%, it is **103.1010, 46.7852, -72.8796**.

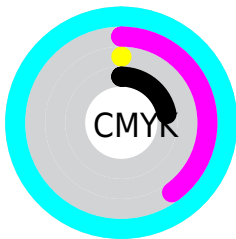
Distribution



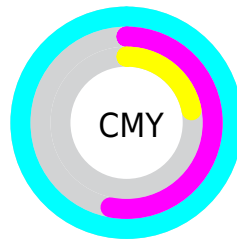
- Red (0%)
- Green (47%)
- Blue (78%)



- Red (0%)
- Yellow (29%)
- Blue (78%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.4250, 52.0485, -81.0567 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 92.4250, 52.0485, -81.0567 by changing the saturation by 10% instead.

■ 92.4250, 52.0485,
-81.0567

■ 92.4250, 52.0485,
-81.0567

■ 255.0000, 0.0000,
0.0000

■ 75.1450, 46.7635,
-65.9022

■ 158.4500, 47.5992,
-53.8916

■ 58.0930, 42.3522,
-50.9476

■ 183.5680, 35.2160,
-48.7331

■ 42.6880, 36.6358,
-37.4374

■ 209.2730, 22.5434,
-44.0894

■ 28.0980, 31.5037,
-24.6419

■ 234.6790, 10.0183,
-40.0605

■ 12.4480, 27.3871,
-10.9169

■ 244.5350, 5.1592,
-21.5172

■ 6.8910, 18.7877,
-6.0434

■ 253.5050, 0.7370,

■ 3.2090, 9.7570,

-3.0739

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 92.4250, 52.0485,
-81.0567

■ 103.1010, 46.7852,
-72.8796

■ 113.7770, 41.5219,
-64.7024

■ 124.1540, 36.4061,
-57.1401

■ 134.8300, 31.1428,
-48.9629

■ 145.5060, 25.8795,
-40.7858

■ 155.5950, 20.9057,
-32.0938

■ 166.2710, 15.6424,
-23.9167

■ 176.6480, 10.5265,
-16.3543

■ 187.3240, 5.2633,
-8.1771

Harmonies

Analogous

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



97.7420, 44.4972, -85.7197



92.4250, 52.0485, -81.0567



117.7300, 33.1641, 2.8678

Triad

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



92.4250, 52.0485, -81.0567



112.9560, -19.6983, 64.9366



92.3130, -8.5353, -62.5415

Complementary

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



92.4250, 52.0485, -81.0567



105.5750, -52.0485, 81.0567

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.



106.0300, -32.5528, -12.3043



92.4250, 52.0485, -81.0567



112.7200, -35.3580, 47.6036

Square

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



92.4250, 52.0485, -81.0567



114.7060, -0.3481, 65.1558



110.3070, -42.5494, 20.7788



92.6970, 12.4744, -81.2953

Rectangle

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



92.4250, 52.0485, -81.0567



118.6860, 23.3258, 31.8474



110.3070, -42.5494, 20.7788



100.1110, -18.7887, -40.4393

Sweetspot

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



92.4250, 52.0485, -81.0567



214.0790, 20.1741, -30.7643



124.8900, -24.1028, -109.5285



103.0930, 12.2792, -18.4986



0.0000, 0.0000, 0.0000



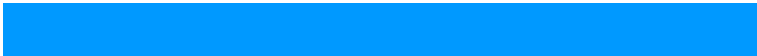
128.0000, 0.0000, 0.0000

Same Dimension

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



92.4250, 52.0485, -81.0567



118.8810, 67.1067, -104.2586



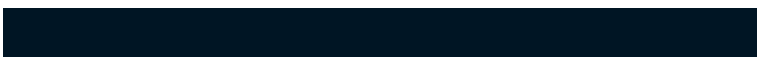
36.0730, 79.8300, -31.6360



93.9610, 2.4842, -3.4738



76.1080, 42.8378, -66.7467



16.4310, 9.6475, -14.4100

Inverse Universe

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



72.7680, 22.7924, 109.8285



93.6870, 29.2413, 141.4715



161.9270, -79.8300, 31.6360



93.2610, 0.8573, 5.0331



59.9090, 18.7789, 90.4108



13.1580, 3.8661, 20.0324

Previews

White Background



This preview shows how the YUV color 92.4250, 52.0485, -81.0567 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 92.4250, 52.0485, -81.0567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

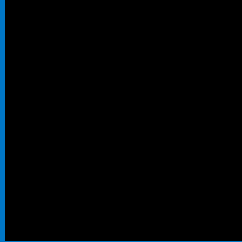
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.4250, 52.0485, -81.0567

Background



This preview shows how black text looks on a background with the YUV color 92.4250, 52.0485, -81.0567.



This preview shows how white text looks on a background with the YUV color 92.4250, 52.0485, -81.0567.

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

92.4250, 52.0485, -81.0567

Protanopia

112.1500, 39.3660, -26.4416

Deuteranopia

105.7280, 45.9831, -48.8735



Tritanopia

90.7540, 22.7993, -79.5913

Trichromacy



Original Color

92.4250, 52.0485, -81.0567

Protanomaly

105.1690, 43.7937, -46.6292

Deuteranomaly

100.9330, 48.3470, -60.4542

Tritanomaly

91.5010, 33.2770, -80.2464

Monochromacy



Original Color

92.4250, 52.0485, -81.0567

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.4490, 19.0056, -29.3348

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.4250, 52.0485, -81.0567 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, 119, 198)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 198)  
}
```

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, 119, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 198) }
```

Border

The CSS property to change the border of an element to YUV 92.4250, 52.0485, -81.0567 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, 119, 198) }
```


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

```
.border{ border-color:rgb(0, 119, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 198);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 92.4250, 52.0485, -81.0567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 198) }
```

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

```
.background{ background-color: rgb(0, 119,  
198) }
```

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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