

Converting Colors

YUV(99.4580, 52.0322,
-75.8237)

Have a look what the booklet for
YUV(99.4580, 52.0322, -75.8237)
contains.

YUV(99.4580, 52.0322, -75.8237)	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(99.4580, 52.0322,
-75.8237)**

Conversions

Conversions Part 1

Format	Color
Hex	0D7BCD
RGB	13, 123, 205
RGB Percent	5%, 48%, 80%
CMY	0.9490, 0.5176, 0.1961
CMYK	0.94, 0.40, 0.00, 0.20
HSL	206°, 88%, 43%
HSV	206°, 94%, 80%
XYZ	18.2684, 18.6593, 60.3964
YIQ	99.4580, -91.8820, 2.1820

Conversions

Conversions Part 2

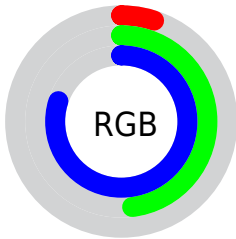
Format	Color
RYB	13, 83, 205
Decimal	883661
CIELab	50.29, 2.84, -50.04
CIElCh	50, 50.123, 273.243
Yxy	18.6593, 0.1877, 0.1917
Android (android.graphics.Color)	4279073741 (0xFF0D7BCD)
YUV	99.4580, 52.0322, -75.8237
Hunter-Lab	43.1964, -0.1033, -52.6607

Details

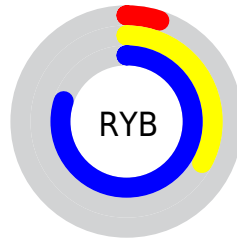
The YUV color **99.4580, 52.0322, -75.8237** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **118.5420, -52.0322, 75.8237**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.9940, 45.8520, -53.4917**, and **61.1250, 43.8154, -53.6066** is the 20% darker color. If you saturate the color by 10%, you get **92.0490, 55.6848, -80.7270**, and if you desaturate by 10%, it is **111.0200, 46.3321, -67.5465**.

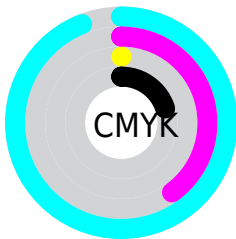
Distribution



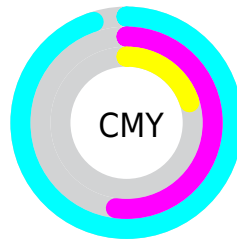
- Red (5%)
- Green (48%)
- Blue (80%)



- Red (5%)
- Yellow (33%)
- Blue (80%)



- Cyan (94%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)



- Cyan (95%)
- Magenta (52%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.4580, 52.0322, -75.8237 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 99.4580, 52.0322, -75.8237 by changing the saturation by 10% instead.

■ 99.4580, 52.0322,
-75.8237

■ 99.4580, 52.0322,
-75.8237

■ 255.0000, 0.0000,
0.0000

■ 77.7040, 48.9529,
-68.1464

■ 161.9940, 45.8520,
-53.4917

■ 61.1250, 43.8154,
-53.6066

■ 187.4110, 33.3214,
-47.7184

■ 45.2470, 38.8252,
-39.6816

■ 213.1160, 20.6488,
-43.0747

■ 30.5430, 33.2563,
-26.7862

■ 236.7610, 8.9918,
-37.5014

■ 13.1320, 30.0079,
-11.5168

■ 246.0300, 4.4222,
-18.4433

■ 8.0480, 20.6823,
-7.0581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 99.4580, 52.0322,
-75.8237

■ 99.4580, 52.0322,
-75.8237

■ 92.0490, 55.6848,
-80.7270

■ 111.0200, 46.3321,
-67.5465

■ 122.2830, 40.7795,
-59.8842

■ 133.2580, 35.3688,
-51.0923

■ 144.5210, 29.8161,
-43.4299

■ 156.0830, 24.1161,
-35.1528

■ 167.3460, 18.5634,
-27.4904

■ 178.3210, 13.1527,
-18.6985

■ 189.5840, 7.6001,
-11.0362

■ 201.1460, 1.9000,
-2.7590

Harmonies

Analogous

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



100.8880, 46.3972, -88.4788



99.4580, 52.0322, -75.8237



121.9690, 34.0323, 4.4122

Triad

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



99.4580, 52.0322, -75.8237



117.3260, -20.8667, 66.3661



94.5080, -7.6454, -67.9745

Complementary

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



99.4580, 52.0322, -75.8237



118.5420, -52.0322, 75.8237

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.



109.9050, -32.9842, -13.9487



99.4580, 52.0322, -75.8237



116.6770, -36.8158, 48.5183

Square

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



99.4580, 52.0322, -75.8237



118.3150, -0.6483, 68.1297



113.9650, -43.8597, 21.0787



96.2020, 13.2114, -84.3692

Rectangle

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



99.4580, 52.0322, -75.8237



123.1100, 23.6098, 34.1065



113.9650, -43.8597, 21.0787



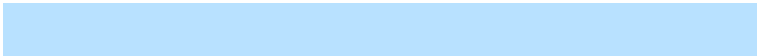
103.5020, -18.4885, -43.4133

Sweetspot

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



99.4580, 52.0322, -75.8237



216.1610, 19.1476, -28.2052



134.8240, -20.6192, -106.8396



103.6910, 11.9843, -17.2690



0.0000, 0.0000, 0.0000



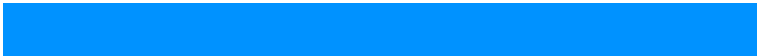
128.0000, 0.0000, 0.0000

Same Dimension

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



99.4580, 52.0322, -75.8237



114.7720, 69.1324, -100.6550



44.2800, 79.2350, -27.4326



96.6620, 2.6316, -4.0886



74.6890, 45.0163, -65.5023



17.2460, 10.2317, -15.1247

Inverse Universe

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



82.9480, 19.7456, 107.0396



92.8890, 26.1837, 142.1713



173.7200, -79.2350, 27.4326



95.6740, 1.1467, 5.5479



60.4640, 17.0262, 92.5551



13.8700, 4.0081, 21.1620

Previews

White Background



This preview shows how the YUV color 99.4580, 52.0322, -75.8237 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 99.4580, 52.0322, -75.8237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

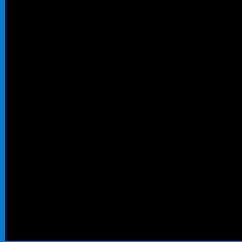
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 99.4580, 52.0322, -75.8237

Background



This preview shows how black text looks on a background with the YUV color 99.4580, 52.0322, -75.8237.



This preview shows how white text looks on a background with the YUV color 99.4580, 52.0322,

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

99.4580, 52.0322, -75.8237

Protanopia

116.1930, 40.8239, -27.3563

Deuteranopia

109.1730, 47.7357, -51.0177



Tritanopia

93.6720, 23.8257, -82.1503

Trichromacy



Original Color

99.4580, 52.0322, -75.8237

Protanomaly

110.4080, 44.6619, -45.0848

Deuteranomaly

105.5740, 49.5100, -60.1394

Tritanomaly

96.0280, 34.0032, -79.8316

Monochromacy



Original Color

99.4580, 52.0322, -75.8237

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.4600, 19.0002, -27.5904

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4580, 52.0322, -75.8237 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(13, 123, 205)` looks like.

```
.text, #text, p{  
    color:rgb(13, 123, 205)  
}
```

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(13, 123, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 123, 205) }
```

Border

The CSS property to change the border of an element to YUV 99.4580, 52.0322, -75.8237 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(13, 123, 205) }
```


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

```
.border{ border-color:rgb(13, 123, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 123, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 123, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 123, 205);  
box-shadow:4px 4px 4px 4px rgb(13, 123,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 99.4580, 52.0322, -75.8237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 123, 205) }
```

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

```
.background{ background-color: rgb(13, 123,  
205) }
```

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