

Converting Colors

YUV(102.1590, 52.1796,
-76.4384)

Have a look what the booklet for
YUV(102.1590, 52.1796, -76.4384)
contains.

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Color

**YUV(102.1590, 52.1796,
-76.4384)**

Conversions

Conversions Part 1

Format	Color
Hex	0F7ED0
RGB	15, 126, 208
RGB Percent	6%, 49%, 82%
CMY	0.9412, 0.5059, 0.1843
CMYK	0.93, 0.39, 0.00, 0.18
HSL	205°, 87%, 44%
HSV	205°, 93%, 82%
XYZ	19.0430, 19.5773, 62.4496
YIQ	102.1590, -92.4780, 1.9700

Conversions

Conversions Part 2

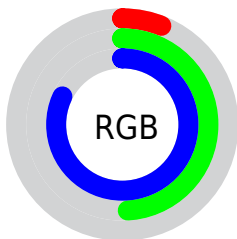
Format	Color
RYB	15, 85, 208
Decimal	1015504
CIELab	51.36, 2.25, -50.04
CIElCh	51, 50.090, 272.571
Yxy	19.5773, 0.1884, 0.1937
Android (android.graphics.Color)	4279205584 (0xFF0F7ED0)
YUV	102.1590, 52.1796, -76.4384
Hunter-Lab	44.2463, -0.6069, -52.7101

Details

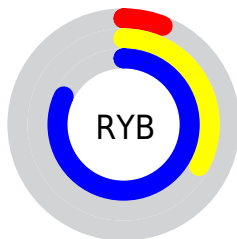
The YUV color **102.1590, 52.1796, -76.4384** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **120.8410, -52.1796, 76.4384**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.3530, 44.6890, -53.8066**, and **63.2280, 44.2576, -55.4510** is the 20% darker color. If you saturate the color by 10%, you get **94.1520, 56.1271, -82.5713**, and if you desaturate by 10%, it is **113.7210, 46.4795, -68.1613**.

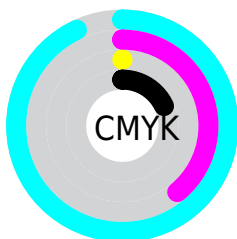
Distribution



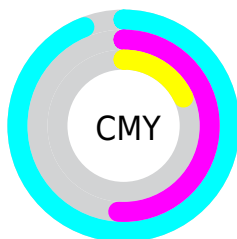
- Red (6%)
- Green (49%)
- Blue (82%)



- Red (6%)
- Yellow (33%)
- Blue (82%)



- Cyan (93%)
- Magenta (39%)
- Yellow (0%)
- Black (18%)



- Cyan (94%)
- Magenta (51%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.1590, 52.1796, -76.4384 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 102.1590, 52.1796, -76.4384 by changing the saturation by 10% instead.

■ 102.1590, 52.1796,
-76.4384

■ 102.1590, 52.1796,
-76.4384

■ 255.0000, 0.0000,
0.0000

■ 79.8070, 49.3951,
-69.9907

■ 164.3530, 44.6890,
-53.8066

■ 63.2280, 44.2576,
-55.4510

■ 190.0580, 32.0164,
-49.1629

■ 47.3500, 39.2675,
-41.5260

■ 215.7630, 19.3438,
-44.5192

■ 32.0590, 33.9879,
-28.1157

■ 237.3590, 8.6970,
-36.2718

■ 15.8220, 30.1608,
-13.8759

■ 246.3290, 4.2748,
-17.8285

■ 8.9770, 21.7033,
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 102.1590, 52.1796,
-76.4384

■ 102.1590, 52.1796,
-76.4384

■ 94.1520, 56.1271,
-82.5713

■ 113.7210, 46.4795,
-68.1613

■ 125.2830, 40.7795,
-59.8842

■ 136.5460, 35.2268,
-52.2218

■ 147.5210, 29.8161,
-43.4299

■ 159.0830, 24.1161,
-35.1528

■ 170.6450, 18.4160,
-26.8757

■ 182.2070, 12.7159,
-18.5985

■ 193.4700, 7.1633,
-10.9362

■ 205.0320, 1.4632,
-2.6591

Harmonies

Analogous

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



102.9910, 46.8394, -90.3231



102.1590, 52.1796, -76.4384



124.4850, 34.7639, 3.0827

Triad

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



102.1590, 52.1796, -76.4384



120.1520, -20.2879, 67.3957



99.1880, -8.9667, -64.1859

Complementary

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



102.1590, 52.1796, -76.4384



120.8410, -52.1796, 76.4384

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.



112.5030, -33.2790, -12.7191



102.1590, 52.1796, -76.4384



119.3890, -36.6738, 49.6478

Square

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



102.1590, 52.1796, -76.4384



121.3150, -0.6483, 68.1297



116.6770, -43.7178, 22.2083



98.1910, 13.2168, -86.1135

Rectangle

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



102.1590, 52.1796, -76.4384



125.9250, 24.1940, 33.3918



116.6770, -43.7178, 22.2083



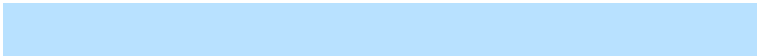
106.3990, -18.9307, -41.5689

Sweetspot

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



102.1590, 52.1796, -76.4384



216.1610, 19.1476, -28.2052



137.4110, -20.9086, -107.3544



103.6910, 11.9843, -17.2690



0.0000, 0.0000, 0.0000



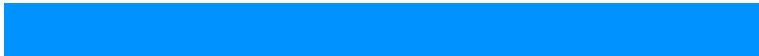
128.0000, 0.0000, 0.0000

Same Dimension

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



102.1590, 52.1796, -76.4384



115.3590, 68.8430, -101.1698



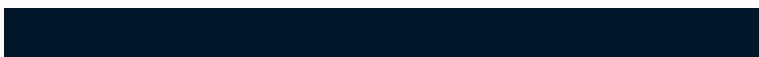
46.3940, 79.6718, -27.5325



98.7760, 3.0684, -4.1886



76.0910, 45.3111, -66.7318



18.1750, 11.2527, -15.9395

Inverse Universe

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



85.3610, 20.0350, 107.5544



93.0030, 26.6205, 142.0714



176.6060, -79.6718, 27.5325



97.9730, 0.9993, 6.1627



61.2900, 17.6050, 93.5847



14.8810, 4.0027, 22.9064

Previews

White Background



This preview shows how the YUV color 102.1590, 52.1796, -76.4384 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 102.1590, 52.1796, -76.4384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

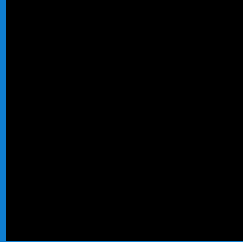
Any Text WCAG AA ✓ Pass

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 102.1590, 52.1796, -76.4384 Background



This preview shows how black text looks on a background with the YUV color 102.1590, 52.1796, -76.4384.

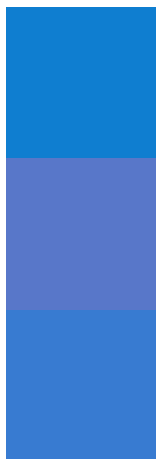


This preview shows how white text looks on a background with the YUV color 102.1590, 52.1796, -76.4384.

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

102.1590, 52.1796, -76.4384

Protanopia

119.0790, 40.3871, -27.2563

Deuteranopia

112.7710, 47.4409, -49.7882



Tritanopia

95.7750, 24.2679, -83.9947

Trichromacy



Original Color

102.1590, 52.1796, -76.4384

Protanomaly

113.1090, 44.8093, -45.6996

Deuteranomaly

108.8730, 49.3626, -59.5246

Tritanomaly

98.1310, 34.4454, -81.6759

Monochromacy



Original Color

102.1590, 52.1796, -76.4384

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.1610, 19.1476, -28.2052

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.1590, 52.1796, -76.4384 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(15, 126, 208)` looks like.

```
.text, #text, p{  
    color:rgb(15, 126, 208)  
}
```

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(15, 126, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 126, 208) }
```

Border

The CSS property to change the border of an element to YUV 102.1590, 52.1796, -76.4384 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(15, 126, 208) }
```


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

```
.border{ border-color:rgb(15, 126, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 126, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 126, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 126, 208);  
box-shadow:4px 4px 4px 4px rgb(15, 126,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 102.1590, 52.1796, -76.4384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 126, 208) }
```

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

```
.background{ background-color: rgb(15, 126,  
208) }
```

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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