

Converting Colors

YUV(76.1380, 54.1620,
-58.8800)

Have a look what the booklet for
YUV(76.1380, 54.1620, -58.8800)
contains.

YUV(76.1380, 54.1620, -58.8800)	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>	30

Color

**YUV(76.1380, 54.1620,
-58.8800)**

Conversions

Conversions Part 1

Format	Color
Hex	0959BA
RGB	9, 89, 186
RGB Percent	4%, 35%, 73%
CMY	0.9647, 0.6510, 0.2706
CMYK	0.95, 0.52, 0.00, 0.27
HSL	213°, 91%, 38%
HSV	213°, 95%, 73%
XYZ	12.5480, 10.7480, 47.8676
YIQ	76.1380, -78.8170, 13.2070

Conversions

Conversions Part 2

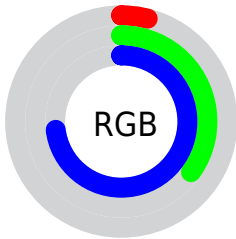
Format	Color
R_{YB}	9, 64, 186
Decimal	612794
CIE _{Lab}	39.15, 16.87, -56.98
CIE _{LCh}	39, 59.428, 286.488
Yxy	10.7480, 0.1763, 0.1510
Android (android.graphics.Color)	4278802874 (0xFF0959BA)
YUV	76.1380, 54.1620, -58.8800
Hunter-Lab	32.7841, 10.9477, -63.6194

Details

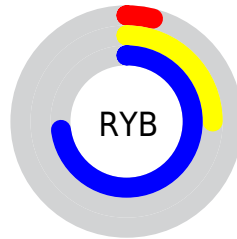
The YUV color **76.1380, 54.1620, -58.8800** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **118.8620, -54.1620, 58.8800**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4120, 52.0549, -36.3183**, and **41.4630, 44.6347, -36.3631** is the 20% darker color. If you saturate the color by 10%, you get **70.5120, 56.9356, -61.8390**, and if you desaturate by 10%, it is **87.6890, 48.4673, -52.3473**.

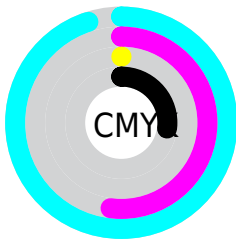
Distribution



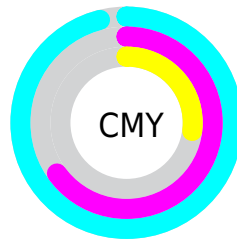
- Red (4%)
- Green (35%)
- Blue (73%)



- Red (4%)
- Yellow (25%)
- Blue (73%)



- Cyan (95%)
- Magenta (52%)
- Yellow (0%)
- Black (27%)



- Cyan (96%)
- Magenta (65%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.1380, 54.1620, -58.8800 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 76.1380, 54.1620, -58.8800 by changing the saturation by 10% instead.

■ 76.1380, 54.1620,
-58.8800

■ 76.1380, 54.1620,
-58.8800

■ 255.0000, 0.0000,
0.0000

■ 56.8680, 50.3511,
-49.8732

■ 137.4120, 52.0549,
-36.3183

■ 41.4630, 44.6347,
-36.3631

■ 163.3110, 45.2027,
-31.8447

■ 27.3460, 38.7764,
-23.9824

■ 188.1300, 32.9669,
-27.3010

■ 9.2340, 35.3806,
-8.0982

■ 213.5360, 20.4418,
-23.2721

■ 9.4330, 23.4505,
-8.2727

■ 238.9420, 7.9166,
-19.2431

■ 5.1640, 14.7091,
-4.5288

■ 252.9070, 1.0318,

■ 1.0260, 3.9312,

-4.3034

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 76.1380, 54.1620,
-58.8800

■ 76.1380, 54.1620,
-58.8800

■ 70.5120, 56.9356,
-61.8390

■ 87.6890, 48.4673,
-52.3473

■ 98.9410, 42.9201,
-46.4293

■ 111.0790, 36.9361,
-40.4113

■ 122.3310, 31.3888,
-34.4933

■ 133.8820, 25.6942,
-27.9605

■ 145.4330, 19.9995,
-21.4277

■ 156.6850, 14.4523,
-15.5097

■ 168.8230, 8.4683,
-9.4918

■ 180.0750, 2.9210,
-3.5738

Harmonies

Analogous

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



82.3660, 51.5846, -72.2350



76.1380, 54.1620, -58.8800



94.0690, 32.5040, 28.0035

Triad

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



76.1380, 54.1620, -58.8800



84.5790, -31.3444, 67.0212



73.4960, -2.7095, -64.4560

Complementary

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



76.1380, 54.1620, -58.8800



118.8620, -54.1620, 58.8800

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.



69.3740, -27.7924, -45.9320



76.1380, 54.1620, -58.8800



87.0040, -42.8930, 37.7075

Square

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



76.1380, 54.1620, -58.8800



80.3340, -6.0807, 83.8991



83.8380, -41.3321, 3.6501



79.7830, 18.8410, -69.9697

Rectangle

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



76.1380, 54.1620, -58.8800



88.9930, 21.2025, 59.6421



83.8380, -41.3321, 3.6501



70.9710, -9.8457, -62.2416

Sweetspot

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



76.1380, 54.1620, -58.8800



198.7640, 21.3153, -23.4720



123.6150, -10.1632, -100.5174



95.9410, 12.8471, -13.9803



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



76.1380, 54.1620, -58.8800



91.5710, 74.1615, -80.3078



30.9720, 76.4288, -14.0074



86.3740, 2.7736, -2.9590



58.8740, 47.8831, -51.6325



10.8230, 8.4683, -9.4918

Inverse Universe

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



71.0430, 8.8528, 100.8173



84.7840, 11.9385, 137.8784



164.0280, -76.4288, 14.0074



86.1470, 0.4205, 5.1331



54.6240, 7.5804, 88.9068



9.8540, 1.5510, 15.9140

Previews

White Background



This preview shows how the YUV color 76.1380, 54.1620, -58.8800 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 76.1380, 54.1620, -58.8800 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 76.1380, 54.1620, -58.8800

Background



This preview shows how black text looks on a background with the YUV color 76.1380, 54.1620, -58.8800.



This preview shows how white text looks on a background with the YUV color 76.1380, 54.1620,

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

76.1380, 54.1620, -58.8800

Protanopia

80.0250, 52.2457, -50.8879

Tritanopia

72.3000, 18.0931, -63.4071

Trichromacy



Original Color

76.1380, 54.1620, -58.8800

Protanomaly

78.5300, 52.9827, -53.9618

Tritanomaly

73.4540, 31.3282, -61.7882

Monochromacy



Original Color

76.1380, 54.1620, -58.8800

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.3190, 19.5627, -21.3278

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.1380, 54.1620, -58.8800 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(9, 89, 186)` looks like.

```
.text, #text, p{  
    color:rgb(9, 89, 186)  
}
```

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(9, 89, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 89, 186) }
```

Border

The CSS property to change the border of an element to YUV 76.1380, 54.1620, -58.8800 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(9, 89, 186) }
```

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

```
.border{ border-color:rgb(9, 89, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 89, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 89, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 89, 186);  
box-shadow:4px 4px 4px 4px rgb(9, 89, 186)  
}
```


Background

The CSS property to change the background color of an element to YUV 76.1380, 54.1620, -58.8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 89, 186) }
```

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

```
.background{ background-color: rgb(9, 89,  
186) }
```

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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