

Converting Colors

YUV(99.0610, 54.1999,
-71.0905)

Have a look what the booklet for
YUV(99.0610, 54.1999, -71.0905)
contains.

YUV(99.0610, 54.1999, -71.0905)	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(99.0610, 54.1999,
-71.0905)**

Conversions

Conversions Part 1

Format	Color
Hex	1277D1
RGB	18, 119, 209
RGB Percent	7%, 47%, 82%
CMY	0.9294, 0.5333, 0.1804
CMYK	0.91, 0.43, 0.00, 0.18
HSL	208°, 84%, 45%
HSV	208°, 91%, 82%
XYZ	18.3549, 17.9257, 62.8142
YIQ	99.0610, -89.0860, 6.5780

Conversions

Conversions Part 2

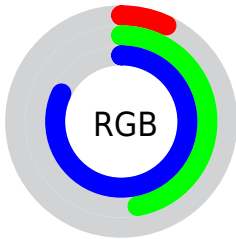
Format	Color
R_{YB}	18, 84, 209
Decimal	1210321
CIE Lab	49.41, 7.08, -53.72
CIE LCh	49, 54.189, 277.513
Yxy	17.9257, 0.1852, 0.1809
Android (android.graphics.Color)	4279400401 (0xFF1277D1)
YUV	99.0610, 54.1999, -71.0905
Hunter-Lab	42.3388, 3.2914, -58.3261

Details

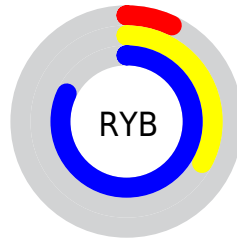
The YUV color **99.0610, 54.1999, -71.0905** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **127.9390, -54.1999, 71.0905**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.5430, 46.5673, -49.5882**, and **59.8200, 46.4307, -52.4621** is the 20% darker color. If you saturate the color by 10%, you get **88.9830, 59.1684, -78.0381**, and if you desaturate by 10%, it is **111.2100, 48.2105, -63.3282**.

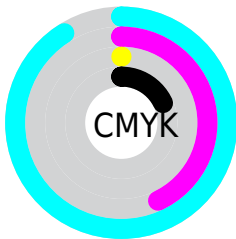
Distribution



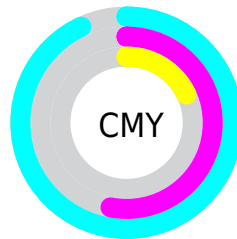
- Red (7%)
- Green (47%)
- Blue (82%)



- Red (7%)
- Yellow (33%)
- Blue (82%)



- Cyan (91%)
- Magenta (43%)
- Yellow (0%)
- Black (18%)



- Cyan (93%)
- Magenta (53%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.0610, 54.1999, -71.0905 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 99.0610, 54.1999, -71.0905 by changing the saturation by 10% instead.

■ 99.0610, 54.1999,
-71.0905

■ 99.0610, 54.1999,
-71.0905

■ 255.0000, 0.0000,
0.0000

■ 76.3990, 51.5683,
-67.0019

■ 160.5430, 46.5673,
-49.5882

■ 59.8200, 46.4307,
-52.4621

■ 185.6610, 34.1841,
-44.4297

■ 43.8280, 41.0038,
-38.4372

■ 211.3660, 21.5116,
-39.7860

■ 29.2380, 35.8717,
-25.6417

■ 237.0710, 8.8390,
-35.1423

■ 12.3000, 31.8971,
-10.7871

■ 246.6280, 4.1274,
-17.2138

■ 8.9770, 21.7033,
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 99.0610, 54.1999,
-71.0905

■ 99.0610, 54.1999,
-71.0905

■ 88.9830, 59.1684,
-78.0381

■ 111.2100, 48.2105,
-63.3282

■ 123.3590, 42.2210,
-55.5658

■ 135.5080, 36.2316,
-47.8035

■ 147.0700, 30.5315,
-39.5264

■ 159.2190, 24.5420,
-31.7641

■ 171.0690, 18.7000,
-24.6165

■ 183.2180, 12.7105,
-16.8542

■ 195.3670, 6.7211,
-9.0919

■ 207.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



100.5120, 50.0336, -88.1490



99.0610, 54.1999, -71.0905



120.5400, 34.7368, 11.8044

Triad

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



99.0610, 54.1999, -71.0905



113.7240, -24.5139, 69.5251



89.5390, -4.7027, -78.5257

Complementary

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



99.0610, 54.1999, -71.0905



127.9390, -54.1999, 71.0905

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.



104.7470, -33.3993, -20.8261



99.0610, 54.1999, -71.0905



113.0700, -42.9255, 48.1736

Square

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



99.0610, 54.1999, -71.0905



114.3760, -3.1434, 75.0922



109.4070, -50.9797, 18.0601



96.1850, 15.6848, -84.3542

Rectangle

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



99.0610, 54.1999, -71.0905



120.1650, 23.5827, 42.8283



109.4070, -50.9797, 18.0601



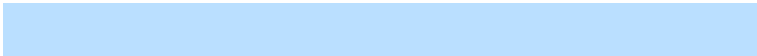
94.1300, -14.3611, -60.6270

Sweetspot

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



99.0610, 54.1999, -71.0905



215.5850, 19.4316, -25.9460



140.2630, -16.3987, -107.2247



104.0010, 11.8315, -14.9099



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.



99.0610, 54.1999, -71.0905



108.3150, 72.3157, -94.9923



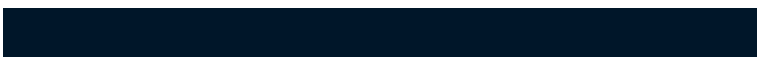
43.2960, 81.6921, -22.1846



98.7760, 3.0684, -4.1886



71.3950, 47.6263, -62.6134



17.5880, 11.5421, -15.4247

Inverse Universe

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



86.6230, 15.9619, 107.3246



91.6350, 21.3789, 143.2711



183.7040, -81.6921, 22.1846



97.9730, 0.9993, 6.1627



60.3780, 14.1106, 94.3845



14.7670, 3.5659, 23.0063

Previews

White Background



This preview shows how the YUV color 99.0610, 54.1999, -71.0905 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 99.0610, 54.1999, -71.0905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

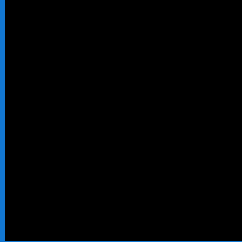
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 99.0610, 54.1999, -71.0905

Background



This preview shows how black text looks on a background with the YUV color 99.0610, 54.1999, -71.0905.



This preview shows how white text looks on a background with the YUV color 99.0610, 54.1999,

-71.0905.

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

99.0610, 54.1999, -71.0905

Protanopia

112.8980, 44.9133, -32.3595

Deuteranopia

101.1540, 53.1681, -66.7871



Tritanopia

92.1560, 23.0941, -80.8208

Trichromacy



Original Color

99.0610, 54.1999, -71.0905

Protanomaly

108.0210, 48.3036, -46.4994

Deuteranomaly

100.2570, 53.6103, -68.6314

Tritanomaly

94.7510, 34.1398, -76.9576

Monochromacy



Original Color

99.0610, 54.1999, -71.0905

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9980, 19.7210, -25.4312

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.0610, 54.1999, -71.0905 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(18, 119, 209)` looks like.

```
.text, #text, p{  
    color:rgb(18, 119, 209)  
}
```

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(18, 119, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 119, 209) }
```

Border

The CSS property to change the border of an element to YUV 99.0610, 54.1999, -71.0905 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(18, 119, 209) }
```


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

```
.border{ border-color:rgb(18, 119, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 119, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 119, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 119, 209);  
box-shadow:4px 4px 4px 4px rgb(18, 119,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 99.0610, 54.1999, -71.0905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 119, 209) }
```

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

```
.background{ background-color: rgb(18, 119,  
209) }
```

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