

Converting Colors

YUV(104.3050, 74.2926,
-75.6895)

Have a look what the booklet for
YUV(104.3050, 74.2926, -75.6895)
contains.

YUV(104.3050, 74.2926, -75.6895)	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(104.3050, 74.2926,
-75.6895)**

Conversions

Conversions Part 1

Format	Color
Hex	1277FF
RGB	18, 119, 255
RGB Percent	7%, 47%, 100%
CMY	0.9294, 0.5333, 0.0000
CMYK	0.93, 0.53, 0.00, 0.00
HSL	214°, 100%, 54%
HSV	214°, 93%, 100%
XYZ	24.8963, 20.5422, 97.2606
YIQ	104.3050, -103.8520, 20.8840

Conversions

Conversions Part 2

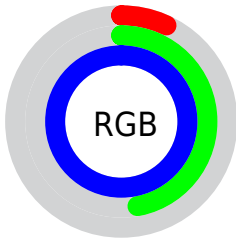
Format	Color
R _Y B	18, 89, 255
Decimal	1210367
CIE Lab	52.44, 24.89, -74.61
CIE LCh	52, 78.650, 288.453
Yxy	20.5422, 0.1745, 0.1440
Android (android.graphics.Color)	4279400447 (0xFF1277FF)
YUV	104.3050, 74.2926, -75.6895
Hunter-Lab	45.3236, 18.7340, -95.5050

Details

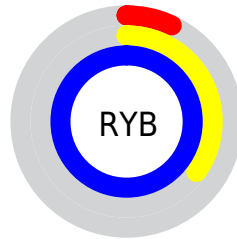
The YUV color `104.3050, 74.2926, -75.6895` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark washed azure. A complement of this color would be `168.6950, -74.2926, 75.6895`, and the grayscale version is `104.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `163.5440, 45.0878, -41.6961`, and `64.7220, 65.2131, -56.7612` is the 20% darker color. If you saturate the color by 10%, you get `93.0530, 79.8399, -81.6075`, and if you desaturate by 10%, it is `120.8840, 66.1192, -67.4273`.

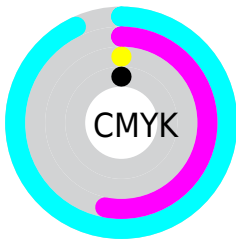
Distribution



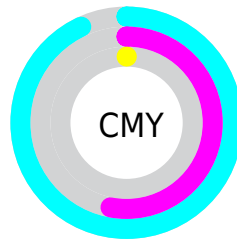
- Red (7%)
- Green (47%)
- Blue (100%)



- Red (7%)
- Yellow (35%)
- Blue (100%)



- Cyan (93%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (93%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.3050, 74.2926, -75.6895 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 104.3050, 74.2926, -75.6895 by changing the saturation by 10% instead.

■ 104.3050, 74.2926,
-75.6895

■ 104.3050, 74.2926,
-75.6895

255.0000, 0.0000,
0.0000

■ 81.5290, 71.2242,
-71.5009

■ 163.5440, 45.0878,
-41.6961

■ 64.7220, 65.2131,
-56.7612

■ 189.5590, 32.2624,
-34.6932

■ 49.2030, 59.0599,
-43.1510

■ 215.5630, 19.4424,
-29.4348

■ 34.9720, 52.7648,
-30.6704

■ 242.1540, 6.3331,
-24.6911

■ 19.6810, 47.4853,
-17.2602

■ 252.3090, 1.3267,
-5.5330

■ 17.8910, 35.5497,
-15.6904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 104.3050, 74.2926,
-75.6895

■ 104.3050, 74.2926,
-75.6895

■ 93.0530, 79.8399,
-81.6075

■ 120.8840, 66.1192,
-67.4273

■ 136.5770, 58.3825,
-59.2650

■ 153.1560, 50.2091,
-51.0028

■ 169.4360, 42.1831,
-43.3554

■ 185.4280, 34.2990,
-34.5784

■ 201.7080, 26.2730,
-26.9309

■ 217.7000, 18.3889,
-18.1539

■ 233.9800, 10.3629,
-10.5065

■ 250.5590, 2.1894,
-2.2442

Harmonies

Analogous

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



111.8370, 70.5794, -98.0810



104.3050, 74.2926, -75.6895



126.2680, 44.2379, 44.4920

Triad

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



104.3050, 74.2926, -75.6895



113.4930, -47.5710, 91.6526



100.1680, -2.0548, -87.8473

Complementary

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



104.3050, 74.2926, -75.6895



168.6950, -74.2926, 75.6895

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.



87.9990, -35.9885, -77.1751



104.3050, 74.2926, -75.6895



118.0580, -58.2026, 48.1841

Square

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



104.3050, 74.2926, -75.6895



102.8100, -7.7943, 120.3156



113.0320, -55.7248, -0.0281



109.3220, 27.9423, -95.8754

Rectangle

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



104.3050, 74.2926, -75.6895



116.3570, 29.4040, 89.1409



113.0320, -55.7248, -0.0281



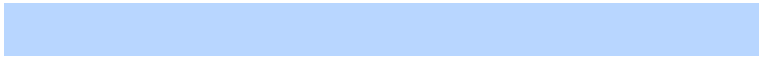
96.8450, -12.2486, -84.9331

Sweetspot

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



104.3050, 74.2926, -75.6895



209.7040, 22.3309, -22.5424



172.3950, -10.0547, -135.4044



100.1690, 13.7207, -14.1802



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.



104.3050, 74.2926, -75.6895



93.0530, 79.8399, -81.6075



49.8020, 101.1626, -13.8584



119.4170, 4.2314, -3.8737



69.9080, 59.6984, -61.3093



23.1450, 20.1415, -20.2982

Inverse Universe

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



100.3770, 9.1811, 135.6044



88.6710, 10.0222, 145.8705



223.1980, -101.1626, 13.8584



119.4570, 0.2677, 7.4922



66.4570, 7.6627, 109.2242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 104.3050, 74.2926, -75.6895 looks on a white background.

Color Contrast Check

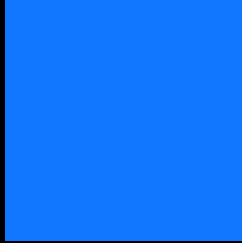
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.3050, 74.2926, -75.6895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

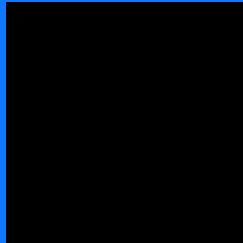
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

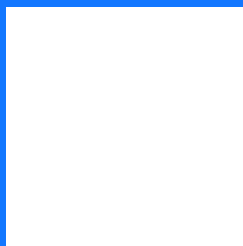
Any Text WCAG AAA × Fail

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

YUV 104.3050, 74.2926, -75.6895 Background



This preview shows how black text looks on a background with the YUV color 104.3050, 74.2926, -75.6895.



This preview shows how white text looks on a background with the YUV color 104.3050, 74.2926, -75.6895.

-75.6895.

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

104.3050, 74.2926, -75.6895

Protanopia

98.8090, 76.5092, -86.6555

Deuteranopia

99.5150, 58.9061, -87.2747



Tritanopia

97.7640, 24.2733, -85.7390

Trichromacy



Original Color

104.3050, 74.2926, -75.6895

Protanomaly

100.9020, 75.4773, -82.3521

Deuteranomaly

101.3290, 64.4208, -82.7265

Tritanomaly

100.1940, 42.3024, -81.7311

Monochromacy



Original Color

104.3050, 74.2926, -75.6895

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9360, 27.1466, -27.1309

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3050, 74.2926, -75.6895 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(18, 119, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 119, 255) }
```

Border

The CSS property to change the border of an element to YUV 104.3050, 74.2926, -75.6895 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, 255) }
```


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

```
.border{ border-color:rgb(18, 119, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 119, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 119, 255);  
box-shadow:4px 4px 4px 4px rgb(18, 119,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 104.3050, 74.2926, -75.6895 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, 255) }
```

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

```
.background{ background-color: rgb(18, 119,  
255) }
```

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