

Converting Colors

YUV(104.8100, 71.5787,
-91.9184)

Have a look what the booklet for
YUV(104.8100, 71.5787, -91.9184)
contains.

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Color

**YUV(104.8100, 71.5787,
-91.9184)**

Conversions

Conversions Part 1

Format	Color
Hex	0082FA
RGB	0, 130, 250
RGB Percent	0%, 51%, 98%
CMY	1.0000, 0.4902, 0.0196
CMYK	1.00, 0.48, 0.00, 0.02
HSL	209°, 100%, 49%
HSV	209°, 100%, 98%
XYZ	25.2380, 22.8674, 93.5261
YIQ	104.8100, -116.0000, 9.7600

Conversions

Conversions Part 2

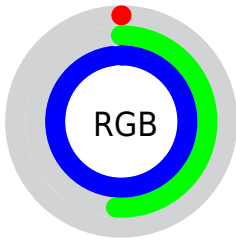
Format	Color
R_{YB}	0, 86, 250
Decimal	33530
CIE _{Lab}	54.94, 15.62, -67.81
CIE _{LCh}	55, 69.589, 282.968
Yxy	22.8674, 0.1782, 0.1615
Android (android.graphics.Color)	4278223610 (0xFF0082FA)
YUV	104.8100, 71.5787, -91.9184
Hunter-Lab	47.8199, 10.5224, -82.4856

Details

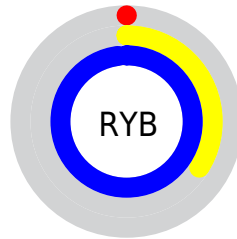
The YUV color **104.8100, 71.5787, -91.9184** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **145.1900, -71.5787, 91.9184**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0930, 42.3522, -50.9476**, and **70.1360, 60.5720, -61.5093** is the 20% darker color. If you saturate the color by 10%, you get **104.8100, 71.5787, -91.9184**, and if you desaturate by 10%, it is **119.3290, 64.4208, -82.7265**.

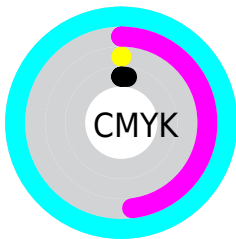
Distribution



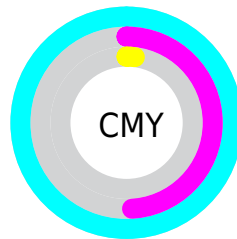
- Red (0%)
- Green (51%)
- Blue (98%)



- Red (0%)
- Yellow (34%)
- Blue (98%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (49%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.8100, 71.5787, -91.9184 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 104.8100, 71.5787, -91.9184 by changing the saturation by 10% instead.

■ 104.8100, 71.5787,
-91.9184

■ 104.8100, 71.5787,
-91.9184

■ 255.0000, 0.0000,
0.0000

■ 86.8290, 66.1463,
-76.1490

■ 169.0930, 42.3522,
-50.9476

■ 70.1360, 60.5720,
-61.5093

■ 195.6950, 29.2374,
-44.4595

■ 54.0300, 54.7082,
-47.3843

■ 221.6990, 16.4174,
-39.2010

■ 39.2120, 48.7025,
-34.3889

■ 241.2460, 6.7807,
-28.2797

■ 25.6820, 42.5548,
-22.5231

■ 250.8140, 2.0637,
-8.6069

■ 16.8480, 34.0919,
-14.7757

■ 10.5900, 25.3451,

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 104.8100, 71.5787,
-91.9184

■ 119.3290, 64.4208,
-82.7265

■ 133.8480, 57.2629,
-73.5347

■ 148.3670, 50.1051,
-64.3429

■ 162.8860, 42.9472,
-55.1510

■ 177.4050, 35.7893,
-45.9592

■ 191.9240, 28.6315,
-36.7673

■ 206.4430, 21.4736,
-27.5755

■ 220.9620, 14.3157,
-18.3837

■ 235.4810, 7.1579,
-9.1918

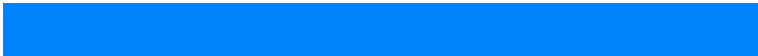
Harmonies

Analogous

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



115.0340, 65.0592, -100.8848



104.8100, 71.5787, -91.9184



134.7020, 42.5449, 27.4483

Triad

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



104.8100, 71.5787, -91.9184



124.1470, -36.0615, 86.6941



102.2880, -4.0860, -89.7066

Complementary

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



104.8100, 71.5787, -91.9184



145.1900, -71.5787, 91.9184

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.



110.0080, -39.4439, -42.1030



104.8100, 71.5787, -91.9184



123.7060, -60.9871, 54.6318

Square

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



104.8100, 71.5787, -91.9184



120.7430, -6.2823, 101.9574



120.4850, -59.3991, 11.8527



111.2310, 22.5641, -97.5496

Rectangle

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



104.8100, 71.5787, -91.9184



130.7580, 27.7273, 66.8642



120.4850, -59.3991, 11.8527



99.3070, -12.9694, -87.0922

Sweetspot

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



104.8100, 71.5787, -91.9184



210.5570, 21.9104, -27.6755



160.0880, -21.2424, -140.3972



100.7450, 13.4367, -16.4394



0.0000, 0.0000, 0.0000



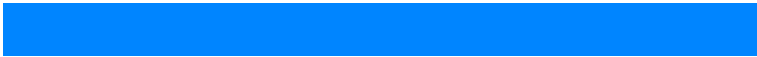
128.0000, 0.0000, 0.0000

Same Dimension

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



104.8100, 71.5787, -91.9184



107.1410, 72.8945, -93.9627



33.1960, 106.8844, -29.1129



117.5910, 3.6526, -4.9033



79.0720, 54.1945, -69.3461



25.7380, 17.3842, -22.5722

Inverse Universe

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



89.5700, 19.9320, 140.6971



91.4070, 20.5053, 143.4711



216.8040, -106.8844, 29.1129



116.6850, 1.1413, 7.2923



67.6830, 14.9463, 106.3950



21.8870, 4.9857, 34.3021

Previews

White Background



This preview shows how the YUV color 104.8100, 71.5787, -91.9184 looks on a white background.

Color Contrast Check

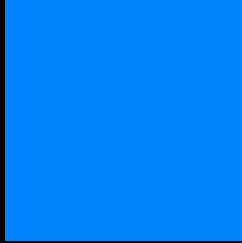
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.8100, 71.5787, -91.9184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

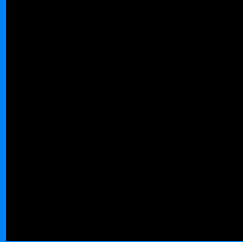
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

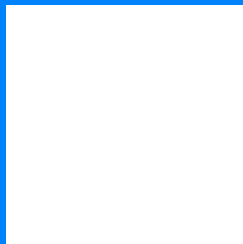
Any Text WCAG AAA × Fail

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

YUV 104.8100, 71.5787, -91.9184 Background



This preview shows how black text looks on a background with the YUV color 104.8100, 71.5787, -91.9184.



This preview shows how white text looks on a background with the YUV color 104.8100, 71.5787, -91.9184.

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



Protanopia

122.3270, 60.9708, -49.3988

Deuteranopia

104.6330, 63.2849, -91.7631

Tritanopia

102.7850, 25.7420, -90.1424

Trichromacy



Protanomaly

115.8520, 64.6560, -64.7682

Deuteranomaly

104.7300, 66.1951, -91.8482

Tritanomaly

103.8400, 42.4769, -91.0677

Monochromacy



Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9630, 26.1472, -33.2936

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8100, 71.5787, -91.9184 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(0, 130, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 130, 250)  
}
```

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(0, 130, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 130, 250) }
```

Border

The CSS property to change the border of an element to YUV 104.8100, 71.5787, -91.9184 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(0, 130, 250) }
```

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

```
.border{ border-color:rgb(0, 130, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 130, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 130, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 130, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 130,  
250) }
```


Background

The CSS property to change the background color of an element to YUV 104.8100, 71.5787, -91.9184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 130, 250) }
```

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

```
.background{ background-color: rgb(0, 130,  
250) }
```

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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