

Converting Colors

YUV(151.6280, 20.8894,
-26.8608)

Have a look what the booklet for
YUV(151.6280, 20.8894, -26.8608)
contains.

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Color

**YUV(151.6280, 20.8894,
-26.8608)**

Conversions

Conversions Part 1

Format	Color
Hex	799FC2
RGB	121, 159, 194
RGB Percent	47%, 62%, 76%
CMY	0.5255, 0.3765, 0.2392
CMYK	0.38, 0.18, 0.00, 0.24
HSL	209°, 37%, 62%
HSV	209°, 38%, 76%
XYZ	30.0209, 32.7563, 55.7793
YIQ	151.6280, -33.8830, 2.8290

Conversions

Conversions Part 2

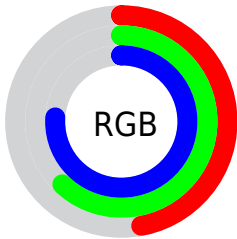
Format	Color
R_{YB}	121, 146, 194
Decimal	7970754
CIE _{Lab}	63.96, -4.16, -22.16
CIE _{LCh}	64, 22.549, 259.377
Yxy	32.7563, 0.2532, 0.2763
Android (android.graphics.Color)	4286160834 (0xFF799FC2)
YUV	151.6280, 20.8894, -26.8608
Hunter-Lab	57.2331, -6.5280, -17.7208

Details

The YUV color **151.6280, 20.8894, -26.8608** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **163.3720, -20.8894, 26.8608**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8560, 21.7630, -27.0607**, and **99.6880, 19.8738, -27.7904** is the 20% darker color. If you saturate the color by 10%, you get **140.6640, 26.2946, -33.9083**, and if you desaturate by 10%, it is **162.5920, 15.4841, -19.8132**.

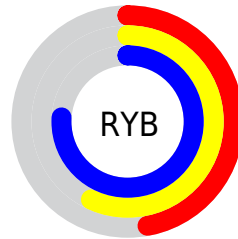
Distribution



Red (47%)

Green (62%)

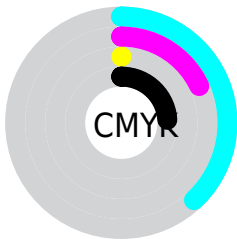
Blue (76%)



Red (47%)

Yellow (57%)

Blue (76%)

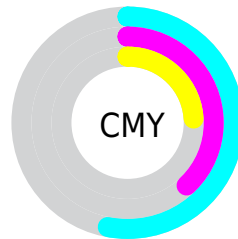


Cyan (38%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (53%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.6280, 20.8894, -26.8608 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 151.6280, 20.8894, -26.8608 by changing the saturation by 10% instead.

■ 151.6280, 20.8894,
-26.8608

■ 151.6280, 20.8894,
-26.8608

■ 255.0000, 0.0000,
0.0000

■ 125.5140, 20.4526,
-26.7608

■ 206.8560, 21.7630,
-27.0607

■ 99.6880, 19.8738,
-27.7904

■ 232.1200, 11.2798,
-24.6612

■ 74.9760, 19.7318,
-28.9200

■ 248.1230, 3.3904,
-14.1399

■ 49.0570, 20.1849,
-34.2530

■ 30.4170, 17.5424,
-26.6757

■ 15.5820, 14.0101,
-13.6654

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 151.6280, 20.8894,
-26.8608

■ 151.6280, 20.8894,
-26.8608

■ 140.6640, 26.2946,
-33.9083

■ 162.5920, 15.4841,
-19.8132

■ 128.8140, 32.1367,
-41.0559

■ 174.4420, 9.6421,
-12.6656

■ 117.8500, 37.5419,
-48.1034

■ 185.4060, 4.2368,
-5.6181

■ 106.5870, 43.0946,
-55.7658

■ 196.6690, -1.3158,
2.0443

■ 95.0360, 48.7893,
-62.2986

■ 208.2200, -7.0105,
8.5771

■ 84.0720, 54.1945,
-69.3461

■ 219.1840,
-12.4157, 15.6246

■ 81.4030, 55.5103,
-71.3904

■ 229.8490,
-17.6736, 22.0574

■ 235.1320,
-20.2781, 17.4242

■ 241.0020,
-23.1720, 12.2762

Harmonies

Analogous

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



147.5570, 18.4594, -40.8305



151.6280, 20.8894, -26.8608



155.7770, 18.3509, -5.9434

Triad

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



151.6280, 20.8894, -26.8608



157.6730, -7.2338, 33.6128



150.0400, -10.8657, -14.9441

Complementary

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



151.6280, 20.8894, -26.8608



163.3720, -20.8894, 26.8608

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.



152.7280, -17.6139, 2.8695



151.6280, 20.8894, -26.8608



156.4740, -15.5167, 30.2793

Square

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



151.6280, 20.8894, -26.8608



158.4580, 2.2392, 28.5393



154.7840, -19.1205, 19.4834



147.6880, -0.3392, -31.2984

Rectangle

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



151.6280, 20.8894, -26.8608



157.7140, 13.9450, 7.2668



154.7840, -19.1205, 19.4834



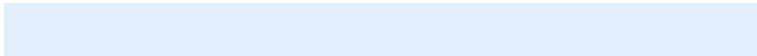
150.6880, -13.6502, -8.4964

Sweetspot

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



151.6280, 20.8894, -26.8608



236.2960, 7.7421, -9.9066



167.7270, -6.2744, -40.9796



118.2210, 4.8210, -6.3328



0.0000, 0.0000, 0.0000



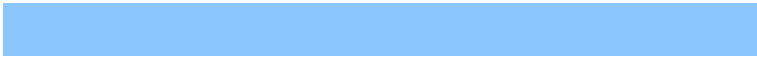
128.0000, 0.0000, 0.0000

Same Dimension

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



151.6280, 20.8894, -26.8608



186.5150, 32.2841, -41.6707



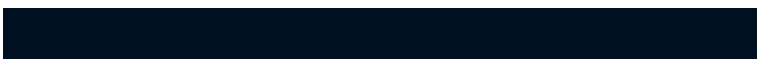
130.4960, 31.3075, -8.3280



91.0750, 2.9210, -3.5738



67.6620, 46.0156, -59.3396



13.7410, 9.4947, -12.0509

Inverse Universe

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



147.1590, 5.8376, 41.0796



179.5130, 9.1141, 63.5711



184.5040, -31.3075, 8.3280



90.5600, 0.7099, 5.6479



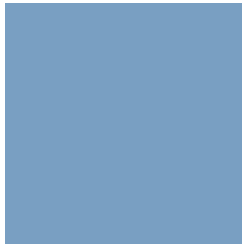
57.7150, 12.9585, 90.5809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 151.6280, 20.8894, -26.8608 looks on a white background.

Color Contrast Check

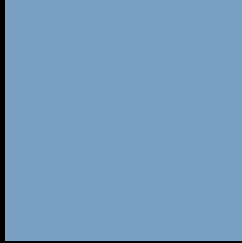
Large Text (above 18pt) WCAG AA × Fail

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 151.6280, 20.8894, -26.8608 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 ✓ Pass

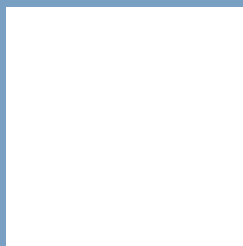
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 151.6280, 20.8894, -26.8608

Background



This preview shows how black text looks on a background with the YUV color 151.6280, 20.8894, -26.8608.



This preview shows how white text looks on a background with the YUV color 151.6280, 20.8894, -26.8608.

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

151.6280, 20.8894, -26.8608

Protanopia

155.1250, 17.1934, -8.0026

Deuteranopia

155.8200, 19.8087, -6.8581



Tritanopia

149.7280, 12.4591, -29.5795

Trichromacy



Original Color

151.6280, 20.8894, -26.8608

Protanomaly

153.7220, 18.3781, -14.6652

Deuteranomaly

154.4770, 19.9778, -14.4503

Tritanomaly

150.5370, 15.5113, -28.5349

Monochromacy



Original Color

151.6280, 20.8894, -26.8608

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1820, 7.3053, -9.8066

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.6280, 20.8894, -26.8608 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(121, 159, 194)` looks like.

```
.text, #text, p{  
    color:rgb(121, 159, 194)  
}
```

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(121, 159, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 159, 194) }
```

Border

The CSS property to change the border of an element to YUV 151.6280, 20.8894, -26.8608 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(121, 159, 194) }
```


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

```
.border{ border-color:rgb(121, 159, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 159, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 159, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 159, 194);  
box-shadow:4px 4px 4px 4px rgb(121, 159,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 151.6280, 20.8894, -26.8608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 159, 194) }
```

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

```
.background{ background-color: rgb(121,  
159, 194) }
```

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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