

Converting Colors

YUV(107.4740, 71.2513,
-80.2227)

Have a look what the booklet for
YUV(107.4740, 71.2513, -80.2227)
contains.

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Color

**YUV(107.4740, 71.2513,
-80.2227)**

Conversions

Conversions Part 1

Format	Color
Hex	107EFC
RGB	16, 126, 252
RGB Percent	6%, 49%, 99%
CMY	0.9373, 0.5059, 0.0118
CMYK	0.94, 0.50, 0.00, 0.01
HSL	212°, 98%, 53%
HSV	212°, 94%, 99%
XYZ	25.2452, 22.0601, 95.0229
YIQ	107.4740, -106.0060, 15.8660

Conversions

Conversions Part 2

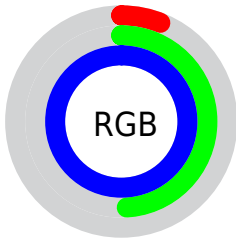
Format	Color
R _Y B	16, 91, 252
Decimal	1081084
CIE Lab	54.09, 19.29, -70.28
CIE LCh	54, 72.878, 285.347
Yxy	22.0601, 0.1774, 0.1550
Android (android.graphics.Color)	4279271164 (0xFF107EFC)
YUV	107.4740, 71.2513, -80.2227
Hunter-Lab	46.9682, 13.7486, -87.0737

Details

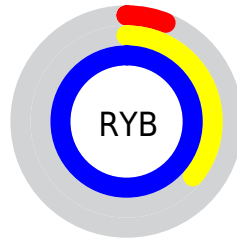
The YUV color **107.4740, 71.2513, -80.2227** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **160.5260, -71.2513, 80.2227**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6420, 43.0675, -47.0440**, and **67.9020, 62.1663, -59.5501** is the 20% darker color. If you saturate the color by 10%, you get **97.4070, 76.2143, -85.4259**, and if you desaturate by 10%, it is **122.5800, 63.8041, -71.5457**.

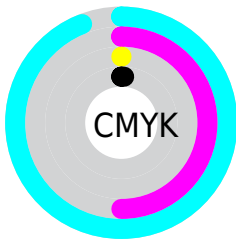
Distribution



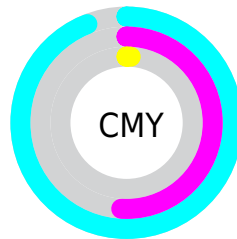
- Red (6%)
- Green (49%)
- Blue (99%)



- Red (6%)
- Yellow (36%)
- Blue (99%)



- Cyan (94%)
- Magenta (50%)
- Yellow (0%)
- Black (1%)



- Cyan (94%)
- Magenta (51%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.4740, 71.2513, -80.2227 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 107.4740, 71.2513, -80.2227 by changing the saturation by 10% instead.

■ 107.4740, 71.2513,
-80.2227

■ 107.4740, 71.2513,
-80.2227

255.0000, 0.0000,
0.0000

■ 85.2960, 67.8881,
-74.8046

■ 167.6420, 43.0675,
-47.0440

■ 67.9020, 62.1663,
-59.5501

■ 193.6570, 30.2421,
-40.0412

■ 52.4970, 56.4500,
-46.0399

■ 219.6610, 17.4221,
-34.7827

■ 37.5650, 50.0075,
-32.9445

■ 242.1430, 6.3385,
-26.4354

■ 23.4480, 44.1491,
-20.5639

■ 251.7110, 1.6215,
-6.7625

■ 17.0760, 34.9655,
-14.9757

■ 11.2910, 25.4925,

-9.9022

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 107.4740, 71.2513,
-80.2227

■ 107.4740, 71.2513,
-80.2227

■ 97.4070, 76.2143,
-85.4259

■ 122.5800, 63.8041,
-71.5457

■ 138.2730, 56.0674,
-63.3834

■ 153.6780, 48.4727,
-54.0916

■ 169.3710, 40.7361,
-45.9294

■ 184.4770, 33.2888,
-37.2523

■ 200.1700, 25.5522,
-29.0901

■ 215.2760, 18.1049,
-20.4131

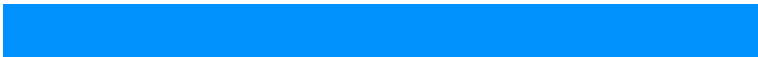
■ 231.2680, 10.2209,
-11.6360

■ 246.3740, 2.7736,
-2.9590

Harmonies

Analogous

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



113.8430, 68.1114, -99.8403



107.4740, 71.2513, -80.2227



132.4470, 42.6706, 33.8110

Triad

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



107.4740, 71.2513, -80.2227



120.5340, -39.7033, 88.1087



101.8150, -3.3598, -89.2918

Complementary

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



107.4740, 71.2513, -80.2227



160.5260, -71.2513, 80.2227

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.



103.2840, -38.1010, -52.8691



107.4740, 71.2513, -80.2227



121.6240, -59.9606, 52.0728

Square

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



107.4740, 71.2513, -80.2227



115.7330, -7.7564, 108.1052



117.5060, -57.9305, 7.4492



110.5130, 24.8901, -96.9199

Rectangle

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



107.4740, 71.2513, -80.2227



126.5140, 27.8476, 74.9712



117.5060, -57.9305, 7.4492



98.7200, -12.6800, -86.5774

Sweetspot

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



107.4740, 71.2513, -80.2227



211.4650, 21.4628, -24.0868



168.8960, -13.2597, -134.0898



100.7560, 13.4313, -14.6950



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.



107.4740, 71.2513, -80.2227



98.9230, 76.9460, -86.7555



45.2960, 101.9051, -18.6766



117.0040, 3.9420, -4.3885



73.2020, 57.0884, -64.1982



23.9770, 18.2523, -21.0278

Inverse Universe

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



99.1040, 13.2597, 134.0898



89.8110, 14.3902, 144.8708



222.7040, -101.9051, 18.6766



116.5710, 0.7045, 7.3922



66.5430, 10.5783, 107.3948



21.5450, 3.6753, 34.6020

Previews

White Background



This preview shows how the YUV color 107.4740, 71.2513, -80.2227 looks on a white background.

Color Contrast Check

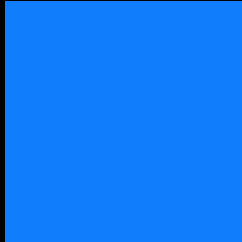
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.4740, 71.2513, -80.2227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

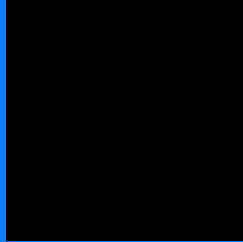
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

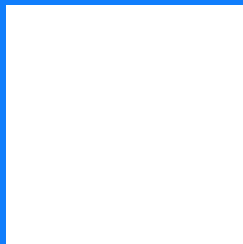
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 107.4740, 71.2513, -80.2227

Background



This preview shows how black text looks on a background with the YUV color 107.4740, 71.2513, -80.2227.



This preview shows how white text looks on a background with the YUV color 107.4740, 71.2513, -80.2227.

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

107.4740, 71.2513, -80.2227

Protanopia

117.1350, 65.5024, -56.2464

Deuteranopia

102.8890, 61.6797, -90.2337



Tritanopia

101.2690, 25.0104, -88.8129

Trichromacy



Original Color

107.4740, 71.2513, -80.2227

Protanomaly

113.9490, 67.5661, -64.8533

Deuteranomaly

104.5350, 65.3052, -86.4152

Tritanomaly

103.6450, 41.5870, -85.6347

Monochromacy



Original Color

107.4740, 71.2513, -80.2227

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.2840, 25.9890, -29.1901

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.4740, 71.2513, -80.2227 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(16, 126, 252)` looks like.

```
.text, #text, p{  
    color:rgb(16, 126, 252)  
}
```

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(16, 126, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 126, 252) }
```

Border

The CSS property to change the border of an element to YUV 107.4740, 71.2513, -80.2227 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(16, 126, 252) }
```


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

```
.border{ border-color:rgb(16, 126, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 126, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 126, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 126, 252);  
box-shadow:4px 4px 4px 4px rgb(16, 126,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 107.4740, 71.2513, -80.2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 126, 252) }
```

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

```
.background{ background-color: rgb(16, 126,  
252) }
```

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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