

Converting Colors

YUV(131.2370, 40.8022,
-20.3788)

Have a look what the booklet for
YUV(131.2370, 40.8022, -20.3788)
contains.

YUV(131.2370, 40.8022, -20.3788)	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(131.2370, 40.8022,
-20.3788)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7FD6
RGB	108, 127, 214
RGB Percent	42%, 50%, 84%
CMY	0.5765, 0.5020, 0.1608
CMYK	0.50, 0.41, 0.00, 0.16
HSL	229°, 56%, 63%
HSV	229°, 50%, 84%
XYZ	25.9113, 23.2219, 66.7349
YIQ	131.2370, -39.2510, 23.0290

Conversions

Conversions Part 2

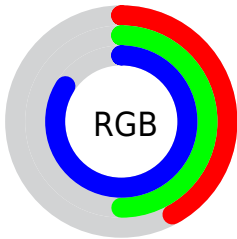
Format	Color
R _Y B	108, 124, 214
Decimal	7110614
CIE Lab	55.30, 16.88, -46.96
CIE LCh	55, 49.897, 289.770
Yxy	23.2219, 0.2236, 0.2004
Android (android.graphics.Color)	4285300694 (0xFF6C7FD6)
YUV	131.2370, 40.8022, -20.3788
Hunter-Lab	48.1891, 11.6485, -48.3756

Details

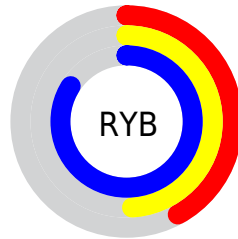
The YUV color **131.2370, 40.8022, -20.3788** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **190.7630, -40.8022, 20.3788**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4780, 35.2603, -16.2052**, and **78.5630, 39.6554, -25.9268** is the 20% darker color. If you saturate the color by 10%, you get **114.3920, 49.1067, -24.0228**, and if you desaturate by 10%, it is **148.0820, 32.4976, -16.7349**.

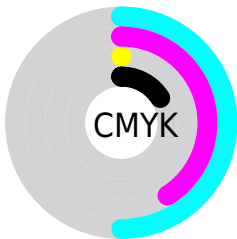
Distribution



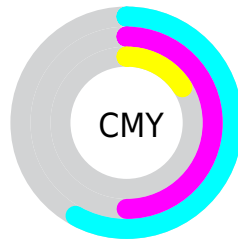
- Red (42%)
- Green (50%)
- Blue (84%)



- Red (42%)
- Yellow (49%)
- Blue (84%)



- Cyan (50%)
- Magenta (41%)
- Yellow (0%)
- Black (16%)



- Cyan (58%)
- Magenta (50%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.2370, 40.8022, -20.3788 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 131.2370, 40.8022, -20.3788 by changing the saturation by 10% instead.

■ 131.2370, 40.8022,
-20.3788

■ 131.2370, 40.8022,
-20.3788

■ 255.0000, 0.0000,
0.0000

■ 104.6990, 40.0814,
-22.5380

■ 183.4780, 35.2603,
-16.2052

■ 78.5630, 39.6554,
-25.9268

■ 208.2860, 23.0300,
-13.4058

■ 49.1160, 40.8618,
-39.5667

■ 233.6920, 10.5048,
-9.3769

■ 32.6290, 36.1719,
-28.6156

■ 254.1030, 0.4422,
-1.8443

■ 18.1530, 31.4766,
-15.9202

■ 9.5470, 23.8873,
-8.3727

■ 5.1640, 14.7091,

-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 131.2370, 40.8022,
-20.3788

■ 131.2370, 40.8022,
-20.3788

■ 114.3920, 49.1067,
-24.0228

■ 148.0820, 32.4976,
-16.7349

■ 97.8350, 57.2693,
-28.7963

■ 164.6390, 24.3350,
-11.9614

■ 80.9900, 65.5739,
-32.4402

■ 181.4840, 16.0304,
-8.3175

■ 64.4330, 73.7365,
-37.2137

■ 198.0410, 7.8678,
-3.5440

■ 47.5880, 82.0411,
-40.8577

■ 214.8860, -0.4368,
0.1000

■ 46.7020, 82.4779,
-40.9577

■ 231.1440, -8.4520,
4.2587

■ 247.3910,
-16.4618, 6.6731

■ 250.3260,
-17.9087, 4.0991

Harmonies

Analogous

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



108.0920, 53.6916, -94.7967



131.2370, 40.8022, -20.3788



136.6580, 25.8046, 30.1179

Triad

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



131.2370, 40.8022, -20.3788



130.3500, -30.7385, 59.3291



103.0350, 6.3917, -90.3617

Complementary

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



131.2370, 40.8022, -20.3788



190.7630, -40.8022, 20.3788

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.



118.3350, -21.8572, -36.2508



131.2370, 40.8022, -20.3788



128.8080, -42.3033, 35.2484

Square

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



131.2370, 40.8022, -20.3788



131.2370, -12.4418, 70.8292



124.9950, -39.4375, 2.6354



108.6380, 25.3215, -95.2755

Rectangle

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



131.2370, 40.8022, -20.3788



135.2990, 13.6566, 53.2348



124.9950, -39.4375, 2.6354



100.7380, 0.1292, -88.3472

Sweetspot

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



131.2370, 40.8022, -20.3788



225.4410, 14.5726, -7.4028



180.1400, 7.3260, -63.2668



109.9700, 8.8888, -4.3587



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.



131.2370, 40.8022, -20.3788



137.9490, 57.7061, -28.8963



130.2500, 41.2888, 10.3048



98.4280, 4.2260, -2.1294



37.6910, 65.7213, -33.0550



9.5980, 16.4672, -8.4174

Inverse Universe

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



141.8600, -7.3260, 63.2668



152.9280, -10.3175, 89.5171



191.7500, -41.2888, -10.3048



99.5170, -0.7479, 6.5626



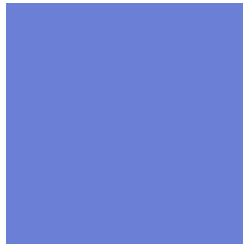
54.6630, -11.6659, 102.0275



13.7690, -2.8441, 25.6356

Previews

White Background



This preview shows how the YUV color 131.2370, 40.8022, -20.3788 looks on a white background.

Color Contrast Check

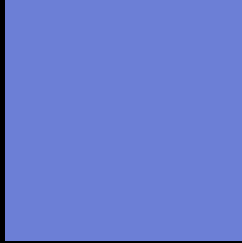
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.2370, 40.8022, -20.3788 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 131.2370, 40.8022, -20.3788

Background



This preview shows how black text looks on a background with the YUV color 131.2370, 40.8022, -20.3788.

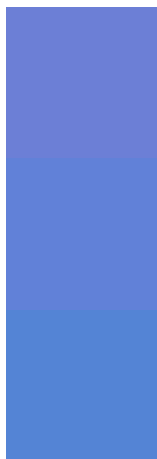


This preview shows how white text looks on a background with the YUV color 131.2370, 40.8022, -20.3788.

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

131.2370, 40.8022, -20.3788

Protanopia

129.3500, 42.7185, -28.3709

Deuteranopia

126.8820, 42.4562, -37.6075



Tritanopia

126.1190, 12.7593, -32.5534

Trichromacy



Original Color

131.2370, 40.8022, -20.3788

Protanomaly

129.8450, 41.9814, -25.2971

Deuteranomaly

128.3990, 41.7083, -31.0449

Tritanomaly

127.8990, 23.2208, -27.9754

Monochromacy



Original Color

131.2370, 40.8022, -20.3788

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.4410, 14.5726, -7.4028

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.2370, 40.8022, -20.3788 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(108, 127, 214)` looks like.

```
.text, #text, p{  
    color:rgb(108, 127, 214)  
}
```

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(108, 127, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 127, 214) }
```

Border

The CSS property to change the border of an element to YUV 131.2370, 40.8022, -20.3788 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(108, 127, 214) }
```


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

```
.border{ border-color:rgb(108, 127, 214) }
```

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

Here you see how a box with a 4 pixel rgb(108, 127, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 127, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 127, 214);  
box-shadow:4px 4px 4px 4px rgb(108, 127,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 131.2370, 40.8022, -20.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 127, 214) }
```

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

```
.background{ background-color: rgb(108,  
127, 214) }
```

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