

Converting Colors

YUV(130.2380, 22.5607,
-2.8397)

Have a look what the booklet for
YUV(130.2380, 22.5607, -2.8397)
contains.

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Color

**YUV(130.2380, 22.5607,
-2.8397)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7BB0
RGB	127, 123, 176
RGB Percent	50%, 48%, 69%
CMY	0.5020, 0.5176, 0.3098
CMYK	0.28, 0.30, 0.00, 0.31
HSL	245°, 25%, 59%
HSV	245°, 30%, 69%
XYZ	23.6718, 21.8125, 44.0369
YIQ	130.2380, -14.6290, 17.3310

Conversions

Conversions Part 2

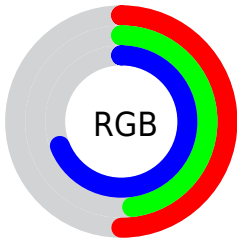
Format	Color
R_{YB}	127, 123, 176
Decimal	8354736
CIE _{Lab}	53.83, 13.60, -27.51
CIE _{LCh}	54, 30.691, 296.307
Yxy	21.8125, 0.2644, 0.2437
Android (android.graphics.Color)	4286544816 (0xFF7F7BB0)
YUV	130.2380, 22.5607, -2.8397
Hunter-Lab	46.7039, 8.7408, -23.2116

Details

The YUV color $130.2380, 22.5607, -2.8397$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $168.7620, -22.5607, 2.8397$, and the grayscale version is $130.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $183.2920, 24.0130, -2.0101$, and $80.1840, 21.1083, -3.6694$ is the 20% darker color. If you saturate the color by 10%, you get $114.8880, 30.1282, -3.4098$, and if you desaturate by 10%, it is $145.5880, 14.9931, -2.2697$.

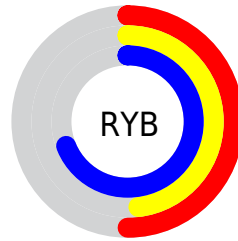
Distribution



Red (50%)

Green (48%)

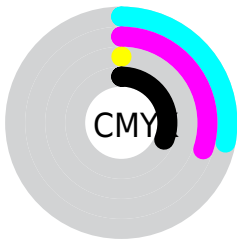
Blue (69%)



Red (50%)

Yellow (48%)

Blue (69%)

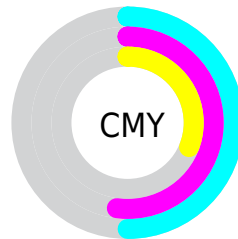


Cyan (28%)

Magenta (30%)

Yellow (0%)

Black (31%)



Cyan (50%)

Magenta (52%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.2380, 22.5607, -2.8397 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 130.2380, 22.5607, -2.8397 by changing the saturation by 10% instead.

■ 130.2380, 22.5607,
-2.8397

■ 130.2380, 22.5607,
-2.8397

255.0000, 0.0000,
0.0000

■ 104.7110, 21.8345,
-3.2545

■ 183.2920, 24.0130,
-2.0101

■ 80.1840, 21.1083,
-3.6694

■ 210.7220, 21.8291,
-1.5102

■ 57.2440, 20.0927,
-4.5990

■ 235.5300, 9.5987,
1.2892

■ 35.0050, 19.2245,
-6.1434

■ 11.1190, 19.6613,
-6.2434

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 130.2380, 22.5607,
-2.8397

■ 130.2380, 22.5607,
-2.8397

■ 114.8880, 30.1282,
-3.4098

■ 145.5880, 14.9931,
-2.2697

■ 99.8260, 37.5538,
-5.1094

■ 160.6500, 7.5676,
-0.5700

■ 84.4760, 45.1213,
-5.6795

■ 176.0000, 0.0000,
0.0000

■ 69.7130, 52.3995,
-6.7643

■ 190.7630, -7.2782,
1.0848

■ 54.3630, 59.9670,
-7.3344

■ 206.1130,
-14.8457, 1.6549

■ 38.7140, 67.6820,
-8.5192

■ 221.7620,
-22.5607, 2.8397

■ 23.9510, 74.9602,
-9.6040

■ 236.5250,
-29.8388, 3.9246

■ 245.9940,
-34.5070, 7.8983

Harmonies

Analogous

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



123.2340, 28.4786, -34.4082



130.2380, 22.5607, -2.8397



132.4710, 12.5858, 23.2659

Triad

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



130.2380, 22.5607, -2.8397



128.9000, -21.6427, 35.1677



114.8210, 4.5252, -51.5860

Complementary

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



130.2380, 22.5607, -2.8397



168.7620, -22.5607, 2.8397

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.



120.5610, -11.1226, -25.9250



130.2380, 22.5607, -2.8397



127.1770, -25.2303, 19.1388

Square

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



130.2380, 22.5607, -2.8397



130.5880, -11.6289, 43.3343



124.2560, -21.8182, -1.9785



105.3520, 22.5045, -78.3617

Rectangle

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



130.2380, 22.5607, -2.8397



131.8980, 4.9803, 36.0465



124.2560, -21.8182, -1.9785



116.7960, -0.8854, -42.7941

Sweetspot

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



130.2380, 22.5607, -2.8397



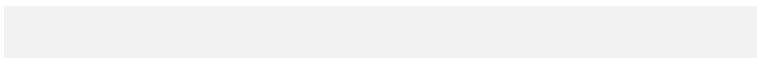
211.6930, 9.0254, -1.4848



157.8050, 8.9701, -30.5240



103.7810, 5.5310, -0.6849



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



130.2380, 22.5607, -2.8397



158.2560, 35.3698, -4.6095



138.0120, 18.7281, 13.1445



81.3250, 3.7838, -0.2850



21.0300, 65.0612, -7.9193



3.5620, 11.0619, -1.3699

Inverse Universe

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



144.4330, 13.5905, 27.6843



180.4810, 20.9619, 43.4282



160.9880, -18.7281, -13.1445



83.7170, 2.6045, 4.6332



61.8210, 39.0352, 79.9640



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 130.2380, 22.5607, -2.8397 looks on a white background.

Color Contrast Check

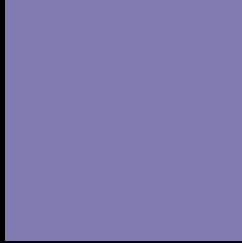
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.2380, 22.5607, -2.8397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

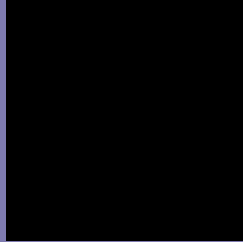
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.2380, 22.5607, -2.8397

Background



This preview shows how black text looks on a background with the YUV color 130.2380, 22.5607, -2.8397.



This preview shows how white text looks on a background with the YUV color 130.2380, 22.5607, -2.8397.

-2.8397.

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

130.2380, 22.5607, -2.8397

Protanopia

128.7420, 24.7772, -13.8057

Deuteranopia

128.8840, 22.7352, -12.1763



Tritanopia

128.1500, 5.8420, -7.1476

Trichromacy



Original Color

130.2380, 22.5607, -2.8397

Protanomaly

129.5360, 23.8928, -10.1171

Deuteranomaly

129.4930, 22.4350, -9.2024

Tritanomaly

128.7680, 11.9464, -5.0585

Monochromacy



Original Color

130.2380, 22.5607, -2.8397

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.8780, 8.4411, -0.7700

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.2380, 22.5607, -2.8397 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(127, 123, 176)` looks like.

```
.text, #text, p{  
    color:rgb(127, 123, 176)  
}
```

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(127, 123, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 123, 176) }
```

Border

The CSS property to change the border of an element to YUV 130.2380, 22.5607, -2.8397 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(127, 123, 176) }
```


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

```
.border{ border-color:rgb(127, 123, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 123, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 123, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 123, 176);  
box-shadow:4px 4px 4px 4px rgb(127, 123,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 130.2380, 22.5607, -2.8397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 123, 176) }
```

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

```
.background{ background-color: rgb(127,  
123, 176) }
```

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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