

Converting Colors

YUV(122.8760, 48.3751,
-22.6933)

Have a look what the booklet for
YUV(122.8760, 48.3751, -22.6933)
contains.

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Color

**YUV(122.8760, 48.3751,
-22.6933)**

Conversions

Conversions Part 1

Format	Color
Hex	6175DD
RGB	97, 117, 221
RGB Percent	38%, 46%, 87%
CMY	0.6196, 0.5412, 0.1333
CMYK	0.56, 0.47, 0.00, 0.13
HSL	230°, 65%, 62%
HSV	230°, 56%, 87%
XYZ	24.3422, 20.4844, 71.0775
YIQ	122.8760, -45.3040, 28.1040

Conversions

Conversions Part 2

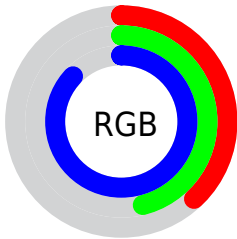
Format	Color
R _Y B	97, 114, 221
Decimal	6387165
CIE Lab	52.38, 22.78, -55.60
CIE LCh	52, 60.084, 292.281
Yxy	20.4844, 0.2100, 0.1767
Android (android.graphics.Color)	4284577245 (0xFF6175DD)
YUV	122.8760, 48.3751, -22.6933
Hunter-Lab	45.2597, 16.7988, -61.4294

Details

The YUV color **122.8760, 48.3751, -22.6933** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **195.1240, -48.3751, 22.6933**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9170, 39.4809, -16.5902**, and **67.3860, 48.1237, -35.4185** is the 20% darker color. If you saturate the color by 10%, you get **105.1450, 57.1165, -26.4372**, and if you desaturate by 10%, it is **140.6070, 39.6337, -18.9493**.

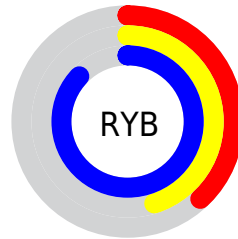
Distribution



Red (38%)

Green (46%)

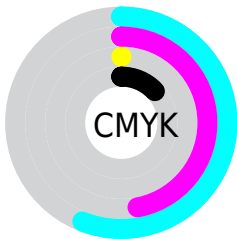
Blue (87%)



Red (38%)

Yellow (45%)

Blue (87%)

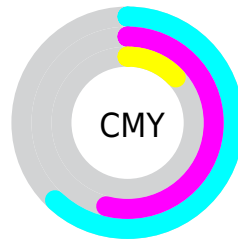


Cyan (56%)

Magenta (47%)

Yellow (0%)

Black (13%)



Cyan (62%)

Magenta (54%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8760, 48.3751, -22.6933 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 122.8760, 48.3751, -22.6933 by changing the saturation by 10% instead.

■ 122.8760, 48.3751,
-22.6933

■ 122.8760, 48.3751,
-22.6933

■ 255.0000, 0.0000,
0.0000

■ 96.3270, 47.6598,
-26.5968

■ 174.9170, 39.4809,
-16.5902

■ 67.3860, 48.1237,
-35.4185

■ 199.4370, 27.3926,
-12.6612

■ 43.9080, 46.3874,
-38.5073

■ 224.8430, 14.8674,
-8.6323

■ 29.2040, 40.8184,
-25.6119

■ 250.2490, 2.3422,
-4.6034

■ 11.6790, 37.1333,
-10.2425

■ 10.7040, 25.7819,
-9.3874

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 122.8760, 48.3751,
-22.6933

■ 122.8760, 48.3751,
-22.6933

■ 105.1450, 57.1165,
-26.4372

■ 140.6070, 39.6337,
-18.9493

■ 88.0010, 65.5685,
-30.6959

■ 157.7510, 31.1818,
-14.6906

■ 70.2700, 74.3099,
-34.4398

■ 175.4820, 22.4404,
-10.9467

■ 53.1260, 82.7619,
-38.6985

■ 192.6260, 13.9884,
-6.6880

■ 46.3260, 86.1143,
-40.6279

■ 210.6560, 5.0996,
-2.3293

■ 227.8000, -3.3524,
1.9294

■ 245.5310,
-12.0938, 5.6733

■ 251.1240,
-14.8511, 3.3993

Harmonies

Analogous

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



105.1230, 60.0854, -92.1929



122.8760, 48.3751, -22.6933



128.1630, 29.9926, 40.1990

Triad

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



122.8760, 48.3751, -22.6933



120.1570, -38.0384, 67.3913



99.3020, 4.7811, -87.0879

Complementary

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



122.8760, 48.3751, -22.6933



195.1240, -48.3751, 22.6933

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.



102.3990, -22.3817, -54.7239



122.8760, 48.3751, -22.6933



117.4050, -57.8807, 38.2328

Square

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



122.8760, 48.3751, -22.6933



119.3420, -14.9586, 84.7691



113.0150, -53.2514, -0.0132



106.0450, 28.0788, -93.0015

Rectangle

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



122.8760, 48.3751, -22.6933



124.7830, 16.3760, 67.7193



113.0150, -53.2514, -0.0132



96.7770, -2.3551, -84.8734

Sweetspot

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



122.8760, 48.3751, -22.6933



221.0110, 16.7566, -7.9026



181.5300, 9.1057, -74.1328



107.3120, 10.1992, -4.6586



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.



122.8760, 48.3751, -22.6933



119.9300, 66.5895, -31.5106



123.3950, 48.1193, 12.8086



100.8410, 4.5154, -1.6146



36.1580, 67.4631, -31.7106



9.3530, 18.0670, -8.2026

Inverse Universe

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



136.3560, -9.5425, 74.2328



138.3210, -12.9763, 102.3275



194.6050, -48.1193, -12.8086



102.4030, -1.1847, 6.6626



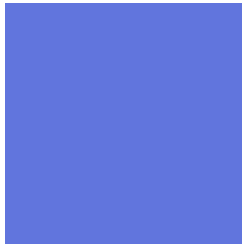
54.9190, -13.2711, 103.5570



14.5520, -3.7231, 27.5799

Previews

White Background



This preview shows how the YUV color 122.8760, 48.3751, -22.6933 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 122.8760, 48.3751, -22.6933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

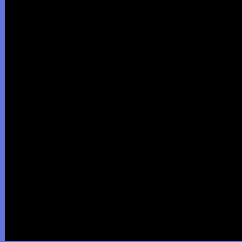
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.8760, 48.3751, -22.6933

Background



This preview shows how black text looks on a background with the YUV color 122.8760, 48.3751, -22.6933.



This preview shows how white text looks on a background with the YUV color 122.8760, 48.3751, -22.6933.

-22.6933.

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

122.8760, 48.3751, -22.6933

Protanopia

118.8030, 52.3551, -39.2922

Deuteranopia

111.7850, 52.8570, -60.3244



Tritanopia

115.5200, 14.5336, -41.6750

Trichromacy



Original Color

122.8760, 48.3751, -22.6933

Protanomaly

120.4940, 51.0285, -33.7592

Deuteranomaly

116.1180, 51.2138, -46.5845

Tritanomaly

118.4790, 26.8789, -34.6231

Monochromacy



Original Color

122.8760, 48.3751, -22.6933

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.2390, 17.6302, -8.1026

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8760, 48.3751, -22.6933 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(97, 117, 221)` looks like.

```
.text, #text, p{  
    color:rgb(97, 117, 221)  
}
```

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(97, 117, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 117, 221) }
```

Border

The CSS property to change the border of an element to YUV 122.8760, 48.3751, -22.6933 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(97, 117, 221) }
```


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

```
.border{ border-color:rgb(97, 117, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 117, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 117, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 117, 221);  
box-shadow:4px 4px 4px 4px rgb(97, 117,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 122.8760, 48.3751, -22.6933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 117, 221) }
```

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

```
.background{ background-color: rgb(97, 117,  
221) }
```

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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