

Converting Colors

YUV(123.3790, 62.4242,
-2.0864)

Have a look what the booklet for
YUV(123.3790, 62.4242, -2.0864)
contains.

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Color

**YUV(123.3790, 62.4242,
-2.0864)**

Conversions

Conversions Part 1

Format	Color
Hex	7964FA
RGB	121, 100, 250
RGB Percent	47%, 39%, 98%
CMY	0.5255, 0.6078, 0.0196
CMYK	0.52, 0.60, 0.00, 0.02
HSL	248°, 94%, 69%
HSV	248°, 60%, 98%
XYZ	29.6976, 20.0814, 92.7533
YIQ	123.3790, -35.6340, 51.1020

Conversions

Conversions Part 2

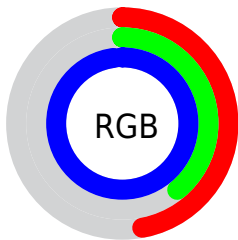
Format	Color
RYB	121, 100, 250
Decimal	7955706
CIELab	51.93, 46.49, -72.47
CIELCh	52, 86.101, 302.678
Yxy	20.0814, 0.2084, 0.1409
Android (android.graphics.Color)	4286145786 (0xFF7964FA)
YUV	123.3790, 62.4242, -2.0864
Hunter-Lab	44.8123, 39.8726, -91.3510

Details

The YUV color $123.3790, 62.4242, -2.0864$ is a light color, and the websafe version is hex $6666FF$. A complement of this color would be $226.6210, -62.4242, 2.0864$, and the grayscale version is $123.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $172.7120, 40.5680, 8.1456$, and $68.8570, 60.7095, -12.1526$ is the 20% darker color. If you saturate the color by 10%, you get $102.1260, 72.9019, -2.7415$, and if you desaturate by 10%, it is $144.3330, 52.0938, -2.0460$.

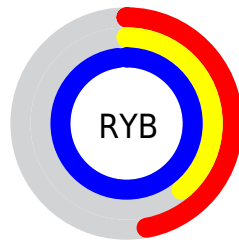
Distribution



Red (47%)

Green (39%)

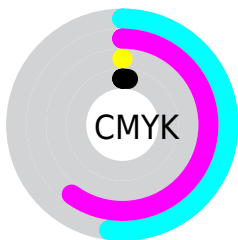
Blue (98%)



Red (47%)

Yellow (39%)

Blue (98%)

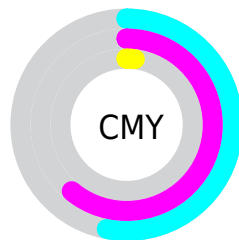


Cyan (52%)

Magenta (60%)

Yellow (0%)

Black (2%)



Cyan (53%)

Magenta (61%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.3790, 62.4242, -2.0864 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 123.3790, 62.4242, -2.0864 by changing the saturation by 10% instead.

■ 123.3790, 62.4242,
-2.0864

■ 123.3790, 62.4242,
-2.0864

255.0000, 0.0000,
0.0000

■ 96.1290, 61.5614,
-5.3751

■ 172.7120, 40.5680,
8.1456

■ 68.8570, 60.7095,
-12.1526

■ 197.5310, 28.3322,
12.6893

■ 35.8330, 63.6793,
-31.4255

■ 222.9370, 15.8071,
16.7183

■ 19.1400, 58.1050,
-16.7858

■ 243.2600, 5.7878,
10.2960

■ 12.6540, 48.4846,
-11.0976

■ 11.5650, 36.6965,
-10.1425

■ 10.4760, 24.9083,

-9.1875

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 123.3790, 62.4242,
-2.0864

■ 123.3790, 62.4242,
-2.0864

■ 102.1260, 72.9019,
-2.7415

■ 144.3330, 52.0938,
-2.0460

■ 81.1720, 83.2322,
-2.7818

■ 165.5860, 41.6161,
-1.3909

■ 59.9190, 93.7099,
-3.4370

■ 186.8390, 31.1384,
-0.7358

■ 38.9650, 104.0403,
-3.4773

■ 207.7930, 20.8081,
-0.6955

■ 228.7470, 10.4777,
-0.6551

■ 250.0000, 0.0000,
0.0000

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



106.5540, 73.1839, -93.4479



123.3790, 62.4242, -2.0864



112.9900, 39.4449, 88.5858

Triad

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



123.3790, 62.4242, -2.0864



114.4020, -56.4002, 76.8234



105.1040, 11.7807, -92.1762

Complementary

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



123.3790, 62.4242, -2.0864



226.6210, -62.4242, 2.0864

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.



93.6360, -22.0055, -82.1188



123.3790, 62.4242, -2.0864



115.5560, -56.9691, 25.8224

Square

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



123.3790, 62.4242, -2.0864



99.6520, -24.9714, 123.0852



102.2020, -50.3856, -32.6262



113.4260, 43.6670, -99.4746

Rectangle

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



123.3790, 62.4242, -2.0864



88.5890, 27.8106, 133.6644



102.2020, -50.3856, -32.6262



101.5530, 0.7134, -89.0620

Sweetspot

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



123.3790, 62.4242, -2.0864



216.3370, 19.0609, -0.2955



193.4100, 27.8989, -81.9206



103.5020, 12.0775, -0.4403



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.



123.3790, 62.4242, -2.0864



99.7500, 76.5383, -2.4118



145.5050, 51.5160, 43.4071



114.0800, 5.3836, -0.0702



29.3200, 78.7222, -2.9116



9.6450, 25.3180, -0.5657

Inverse Universe

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



159.5560, 34.2359, 79.3194



144.0280, 41.8912, 97.3224



204.4950, -51.5160, -43.4071



117.1410, 2.8885, 6.8923



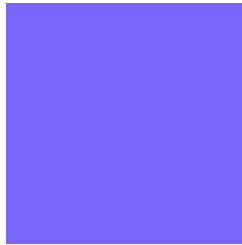
74.9790, 42.9014, 99.9964



24.2810, 14.1585, 32.2026

Previews

White Background



This preview shows how the YUV color 123.3790, 62.4242, -2.0864 looks on a white background.

Color Contrast Check

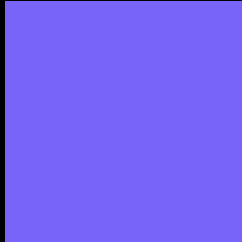
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.3790, 62.4242, -2.0864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

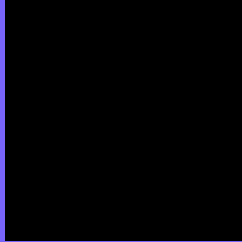
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.3790, 62.4242, -2.0864

Background



This preview shows how black text looks on a background with the YUV color 123.3790, 62.4242, -2.0864.



This preview shows how white text looks on a background with the YUV color 123.3790, 62.4242, -2.0864.

-2.0864.

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

123.3790, 62.4242, -2.0864

Protanopia

98.5810, 75.6356, -86.4555

Deuteranopia

98.9280, 59.1955, -86.7599



Tritanopia

118.3970, 11.1433, -27.5352

Trichromacy



Original Color

123.3790, 62.4242, -2.0864



Protanomaly

107.5140, 70.7386, -55.7018



Deuteranomaly

108.0550, 60.1189, -56.1762



Tritanomaly

120.0880, 30.0296, -18.4942

Monochromacy



Original Color

123.3790, 62.4242, -2.0864



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

123.2490, 22.5552, -1.0954

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3790, 62.4242, -2.0864 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, 100, 250)` looks like.

```
.text, #text, p{  
    color:rgb(121, 100, 250)  
}
```

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, 100, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 100, 250) }
```

Border

The CSS property to change the border of an element to YUV 123.3790, 62.4242, -2.0864 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, 100, 250) }
```


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

```
.border{ border-color:rgb(121, 100, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 100, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 100, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 100, 250); box-shadow:4px 4px 4px 4px rgb(121, 100, 250) }
```

Background

The CSS property to change the background color of an element to YUV 123.3790, 62.4242, -2.0864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 100, 250) }
```

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

```
.background{ background-color: rgb(121,  
100, 250) }
```

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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