

Converting Colors

YUV(104.8050, 22.7741,
22.0960)

Have a look what the booklet for
YUV(104.8050, 22.7741, 22.0960)
contains.

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Color

**YUV(104.8050, 22.7741,
22.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	825397
RGB	130, 83, 151
RGB Percent	51%, 33%, 59%
CMY	0.4902, 0.6745, 0.4078
CMYK	0.14, 0.45, 0.00, 0.41
HSL	281°, 29%, 46%
HSV	281°, 45%, 59%
XYZ	17.8851, 13.1667, 30.8769
YIQ	104.8050, 6.1840, 31.1120

Conversions

Conversions Part 2

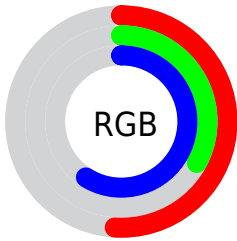
Format	Color
RYB	130, 83, 151
Decimal	8541079
CIELab	43.01, 32.15, -29.65
CIELCh	43, 43.737, 317.317
Yxy	13.1667, 0.2888, 0.2126
Android (android.graphics.Color)	4286731159 (0xFF825397)
YUV	104.8050, 22.7741, 22.0960
Hunter-Lab	36.2860, 24.4810, -25.0517

Details

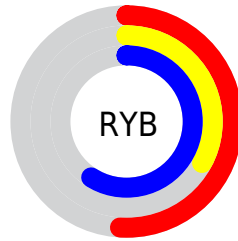
The YUV color **104.8050, 22.7741, 22.0960** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.1950, -22.7741, -22.0960**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1580, 24.0791, 23.5404**, and **56.1530, 21.6166, 20.0368** is the 20% darker color. If you saturate the color by 10%, you get **94.5050, 27.8520, 26.7441**, and if you desaturate by 10%, it is **115.1050, 17.6962, 17.4479**.

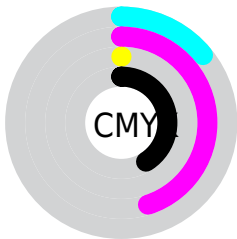
Distribution



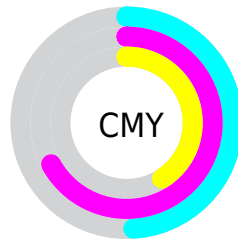
- Red (51%)
- Green (33%)
- Blue (59%)



- Red (51%)
- Yellow (33%)
- Blue (59%)



- Cyan (14%)
- Magenta (45%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (67%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.8050, 22.7741, 22.0960 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 104.8050, 22.7741, 22.0960 by changing the saturation by 10% instead.

■ 104.8050, 22.7741,
22.0960

■ 104.8050, 22.7741,
22.0960

■ 255.0000, 0.0000,
0.0000

■ 79.9790, 22.1954,
21.0664

■ 157.1580, 24.0791,
23.5404

■ 56.1530, 21.6166,
20.0368

■ 183.9840, 24.6579,
24.5700

■ 31.7400, 21.3272,
19.5220

■ 210.8980, 21.7423,
26.3995

■ 15.7950, 17.8491,
15.0888

■ 231.5200, 11.5756,
20.5920

■ 3.4200, 13.1039,
-2.9993

■ 248.5430, 3.1833,
5.6628

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,

0.0000

■ 104.8050, 22.7741,
22.0960

■ 104.8050, 22.7741,
22.0960

■ 94.5050, 27.8520,
26.7441

■ 115.1050, 17.6962,
17.4479

■ 84.5040, 32.7825,
32.0070

■ 125.1060, 12.7657,
12.1850

■ 74.2040, 37.8604,
36.6551

■ 135.4060, 7.6878,
7.5369

■ 63.9040, 42.9383,
41.3032

■ 145.7060, 2.6099,
2.8888

■ 53.9030, 47.8688,
46.5661

■ 156.2940, -2.6099,
-2.8888

■ 48.3100, 50.6262,
48.8401

■ 166.5940, -7.6878,
-7.5369

■ 176.8940,
-12.7657, -12.1850

■ 186.8950,
-17.6962, -17.4479

■ 197.1950,
-22.7741, -22.0960

Harmonies

Analogous

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



99.1460, 35.4240, -22.0530



104.8050, 22.7741, 22.0960



102.4960, 8.1365, 50.4310

Triad

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



104.8050, 22.7741, 22.0960



98.2080, -35.5985, 31.3896



83.7610, 18.8518, -73.4584

Complementary

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



104.8050, 22.7741, 22.0960



129.1950, -22.7741, -22.0960

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.



78.8420, 2.5429, -69.1444



104.8050, 22.7741, 22.0960



95.3850, -34.2068, 4.9244

Square

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



104.8050, 22.7741, 22.0960



99.6030, -24.4543, 50.3372



89.9600, -19.7003, -28.0289



86.2350, 33.4081, -75.6281

Rectangle

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



104.8050, 22.7741, 22.0960



100.5650, -3.2365, 58.2635



89.9600, -19.7003, -28.0289



82.3930, 13.6103, -72.2587

Sweetspot

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



104.8050, 22.7741, 22.0960



177.7590, 8.9928, 8.9814



103.6660, 23.3357, -18.1241



88.1130, 5.3673, 5.1629



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



104.8050, 22.7741, 22.0960



124.2100, 35.3925, 34.8958



109.7160, 14.4370, 36.2061



71.4070, 2.7573, 2.2741



44.9630, 46.8532, 45.6364



4.1730, 4.3517, 4.2333

Inverse Universe

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



105.7260, -0.8509, 39.7053



125.4560, -1.2108, 61.8671



124.2840, -14.4370, -36.2061



71.6200, -0.3057, 4.7183



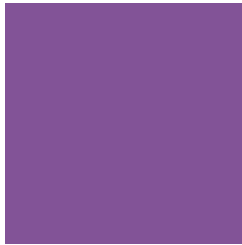
46.7620, -1.8547, 81.7697



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 104.8050, 22.7741, 22.0960 looks on a white 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

Black Background



This preview shows how the YUV color 104.8050, 22.7741, 22.0960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

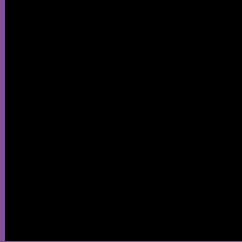
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.8050, 22.7741, 22.0960

Background



This preview shows how black text looks on a background with the YUV color 104.8050, 22.7741, 22.0960.



This preview shows how white text looks on a background with the YUV color 104.8050, 22.7741,

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

104.8050, 22.7741, 22.0960

Protanopia

100.3480, 32.3664, -21.3532

Deuteranopia

101.1610, 22.5986, -15.0502



Tritanopia

103.5830, -0.7804, 17.0287

Trichromacy



Original Color

104.8050, 22.7741, 22.0960

Protanomaly

102.2360, 28.9707, -5.4690

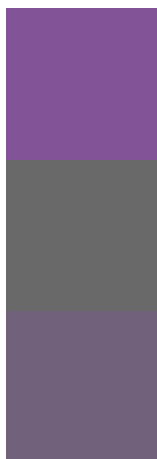
Deuteranomaly

102.2490, 22.5552, -1.0954

Tritanomaly

104.1840, 7.7973, 19.1326

Monochromacy



Original Color

104.8050, 22.7741, 22.0960

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9330, 8.4140, 7.9518

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8050, 22.7741, 22.0960 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(130, 83, 151)` looks like.

```
.text, #text, p{  
    color:rgb(130, 83, 151)  
}
```

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(130, 83, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 83, 151) }
```

Border

The CSS property to change the border of an element to YUV 104.8050, 22.7741, 22.0960 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(130, 83, 151) }
```


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

```
.border{ border-color:rgb(130, 83, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 83, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 83, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 83, 151); box-shadow:4px 4px 4px 4px rgb(130, 83, 151) }
```

Background

The CSS property to change the background color of an element to YUV 104.8050, 22.7741, 22.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 83, 151) }
```

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

```
.background{ background-color: rgb(130, 83,  
151) }
```

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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