

Converting Colors

YUV(101.3110, 28.4407,
-22.1977)

Have a look what the booklet for
YUV(101.3110, 28.4407, -22.1977)
contains.

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Color

**YUV(101.3110, 28.4407,
-22.1977)**

Conversions

Conversions Part 1

Format	Color
Hex	4C679F
RGB	76, 103, 159
RGB Percent	30%, 40%, 62%
CMY	0.7020, 0.5961, 0.3765
CMYK	0.52, 0.35, 0.00, 0.38
HSL	220°, 35%, 46%
HSV	220°, 52%, 62%
XYZ	14.0887, 13.7402, 34.7105
YIQ	101.3110, -34.0680, 11.6920

Conversions

Conversions Part 2

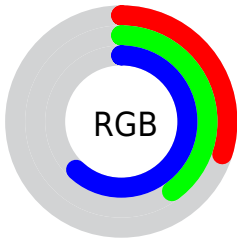
Format	Color
R _Y B	76, 96, 159
Decimal	5007263
CIE Lab	43.86, 6.61, -33.42
CIE LCh	44, 34.068, 281.182
Yxy	13.7402, 0.2253, 0.2197
Android (android.graphics.Color)	4283197343 (0xFF4C679F)
YUV	101.3110, 28.4407, -22.1977
Hunter-Lab	37.0678, 2.9758, -29.5720

Details

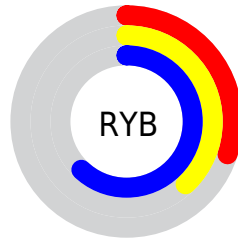
The YUV color **101.3110, 28.4407, -22.1977** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **133.6890, -28.4407, 22.1977**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.6640, 29.7456, -20.7533**, and **50.4410, 27.8836, -30.2048** is the 20% darker color. If you saturate the color by 10%, you get **90.0700, 33.9825, -26.3714**, and if you desaturate by 10%, it is **112.5520, 22.8989, -18.0241**.

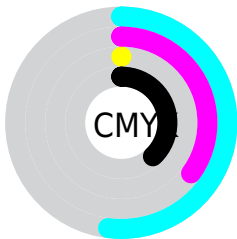
Distribution



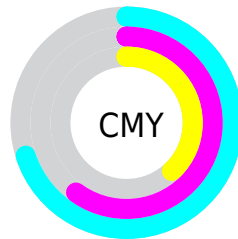
- Red (30%)
- Green (40%)
- Blue (62%)



- Red (30%)
- Yellow (38%)
- Blue (62%)



- Cyan (52%)
- Magenta (35%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (60%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.3110, 28.4407, -22.1977 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 101.3110, 28.4407, -22.1977 by changing the saturation by 10% instead.

■ 101.3110, 28.4407,
-22.1977

■ 101.3110, 28.4407,
-22.1977

■ 255.0000, 0.0000,
0.0000

■ 76.1860, 28.0093,
-23.8421

■ 153.6640, 29.7456,
-20.7533

■ 50.4410, 27.8836,
-30.2048

■ 180.8920, 30.6192,
-20.9533

■ 30.0070, 26.1255,
-26.3161

■ 206.4810, 23.9199,
-18.8388

■ 14.9440, 21.7196,
-13.1059

■ 231.5880, 11.5421,
-15.4247

■ 5.3920, 15.5827,
-4.7288

■ 251.4120, 1.7689,
-7.3773

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,

0.0000

■ 101.3110, 28.4407,
-22.1977

■ 101.3110, 28.4407,
-22.1977

■ 90.0700, 33.9825,
-26.3714

■ 112.5520, 22.8989,
-18.0241

■ 79.4160, 39.2349,
-31.0598

■ 123.2060, 17.6464,
-13.3357

■ 68.1750, 44.7767,
-35.2335

■ 134.4470, 12.1046,
-9.1620

■ 56.9340, 50.3185,
-39.4071

■ 145.6880, 6.5628,
-4.9884

■ 48.6500, 54.4025,
-42.6660

■ 156.9290, 1.0210,
-0.8147

■ 167.2840, -4.0840,
3.2589

■ 178.5250, -9.6258,
7.4326

■ 189.7660,
-15.1676, 11.6062

■ 201.0070,
-20.7095, 15.7799

Harmonies

Analogous

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



83.6420, 36.1655, -73.3540



101.3110, 28.4407, -22.1977



106.5280, 19.4597, 11.8149

Triad

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



101.3110, 28.4407, -22.1977



103.6820, -17.5912, 42.3749



89.6170, -2.7692, -45.2681

Complementary

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



101.3110, 28.4407, -22.1977



133.6890, -28.4407, 22.1977

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.



97.0910, -18.2859, -14.9888



101.3110, 28.4407, -22.1977



102.4170, -25.8416, 28.5753

Square

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



101.3110, 28.4407, -22.1977



104.6190, -5.2352, 45.9381



99.7690, -26.5081, 8.9726



82.2620, 15.6468, -72.1438

Rectangle

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



101.3110, 28.4407, -22.1977



106.6890, 11.9853, 29.2137



99.7690, -26.5081, 8.9726



92.7880, -8.7695, -34.0171

Sweetspot

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



101.3110, 28.4407, -22.1977



183.6320, 11.5204, -8.4473



130.9910, 0.0044, -48.2271



90.8020, 6.9996, -5.0884



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



101.3110, 28.4407, -22.1977



116.1750, 44.7767, -35.2335



89.6480, 34.1905, 0.3087



73.6730, 2.6262, -2.3442



43.3040, 49.1501, -37.9776



4.6450, 5.1050, -4.0737

Inverse Universe

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



103.8950, -0.4412, 48.3271



120.0710, -0.5280, 76.2367



145.3520, -34.1905, -0.3087



73.7340, 0.1311, 4.6183



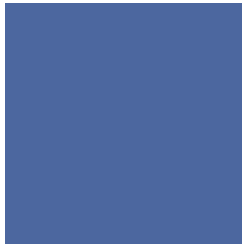
48.0010, -0.9865, 83.3141



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 101.3110, 28.4407, -22.1977 looks on a white background.

Color Contrast Check

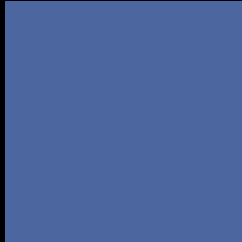
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.3110, 28.4407, -22.1977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

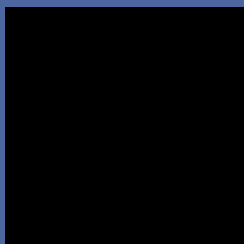
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

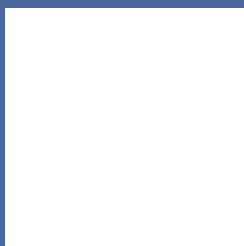
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 101.3110, 28.4407, -22.1977

Background



This preview shows how black text looks on a background with the YUV color 101.3110, 28.4407, -22.1977.



This preview shows how white text looks on a background with the YUV color 101.3110, 28.4407, -22.1977.

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

101.3110, 28.4407, -22.1977

Protanopia

102.1160, 27.5508, -16.7647

Deuteranopia

101.0120, 28.5881, -22.8125



Tritanopia

97.6740, 11.0067, -30.4091

Trichromacy



Original Color

101.3110, 28.4407, -22.1977

Protanomaly

101.8060, 27.7036, -19.1239

Deuteranomaly

101.0120, 28.5881, -22.8125

Tritanomaly

99.0040, 17.2530, -27.1905

Monochromacy



Original Color

101.3110, 28.4407, -22.1977

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.2900, 10.2100, -8.1473

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.3110, 28.4407, -22.1977 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(76, 103, 159)` looks like.

```
.text, #text, p{  
    color:rgb(76, 103, 159)  
}
```

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(76, 103, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 103, 159) }
```

Border

The CSS property to change the border of an element to YUV 101.3110, 28.4407, -22.1977 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(76, 103, 159) }
```


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

```
.border{ border-color:rgb(76, 103, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 103, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 103, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 103, 159);  
box-shadow:4px 4px 4px 4px rgb(76, 103,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 101.3110, 28.4407, -22.1977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 103, 159) }
```

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

```
.background{ background-color: rgb(76, 103,  
159) }
```

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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