

Converting Colors

YUV(76.4360, 59.4381, 22.4196)

Have a look what the booklet for
YUV(76.4360, 59.4381, 22.4196)
contains.

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Color

**YUV(76.4360, 59.4381,
22.4196)**

Conversions

Conversions Part 1

Format	Color
Hex	6628C5
RGB	102, 40, 197
RGB Percent	40%, 16%, 77%
CMY	0.6000, 0.8431, 0.2275
CMYK	0.48, 0.80, 0.00, 0.23
HSL	264°, 66%, 46%
HSV	264°, 80%, 77%
XYZ	16.3163, 8.3736, 53.5796
YIQ	76.4360, -13.4450, 61.9710

Conversions

Conversions Part 2

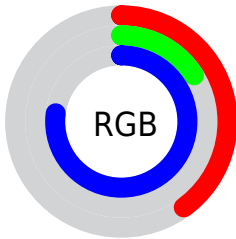
Format	Color
R _{YB}	102, 40, 197
Decimal	6695109
CIE Lab	34.75, 59.14, -70.40
CIE LCh	35, 91.943, 310.032
Yxy	8.3736, 0.2085, 0.1070
Android (android.graphics.Color)	4284885189 (0xFF6628C5)
YUV	76.4360, 59.4381, 22.4196
Hunter-Lab	28.9371, 50.0080, -89.5246

Details

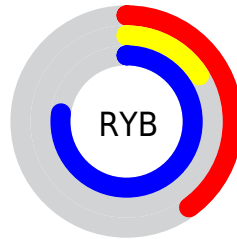
The YUV color **76.4360, 59.4381, 22.4196** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **160.5640, -59.4381, -22.4196**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.8000, 60.7376, 25.6084**, and **26.9520, 56.7187, 7.9351** is the 20% darker color. If you saturate the color by 10%, you get **61.1080, 66.9948, 25.3383**, and if you desaturate by 10%, it is **91.7640, 51.8813, 19.5010**.

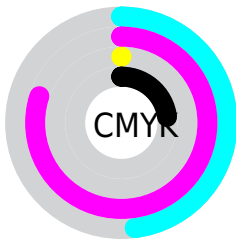
Distribution



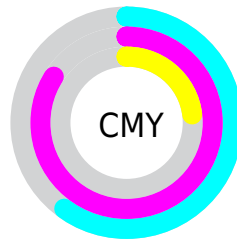
- Red (40%)
- Green (16%)
- Blue (77%)



- Red (40%)
- Yellow (16%)
- Blue (77%)



- Cyan (48%)
- Magenta (80%)
- Yellow (0%)
- Black (23%)



- Cyan (60%)
- Magenta (84%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.4360, 59.4381, 22.4196 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 76.4360, 59.4381, 22.4196 by changing the saturation by 10% instead.

76.4360, 59.4381,
22.4196

76.4360, 59.4381,
22.4196

255.0000, 0.0000,
0.0000

44.0170, 61.6166,
23.6641

131.8000, 60.7376,
25.6084

26.9520, 56.7187,
7.9351

156.6190, 48.5018,
30.1521

13.1100, 50.2318,
-11.4975

181.4380, 36.2661,
34.6959

10.2600, 39.3118,
-8.9980

206.8440, 23.7409,
38.7248

11.5190, 26.3661,
-10.1022

224.4760, 15.0483,
26.7695

6.5490, 17.4773,
-5.7435

241.4990, 6.6560,

2.8670, 8.4466,

11.8404

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 76.4360, 59.4381,
22.4196

■ 76.4360, 59.4381,
22.4196

■ 61.1080, 66.9948,
25.3383

■ 91.7640, 51.8813,
19.5010

■ 46.3670, 74.2621,
27.7421

■ 106.5050, 44.6140,
17.0971

■ 45.7800, 74.5515,
28.2569

■ 121.8330, 37.0573,
14.1785

■ 137.1610, 29.5006,
11.2598

■ 152.4890, 21.9439,
8.3411

■ 167.2300, 14.6766,
5.9373

■ 182.2590, 7.2673,
2.4039

■ 197.5870, -0.2894,
-0.5148

■ 212.3280, -7.5567,
-2.9187

Harmonies

Analogous

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



76.8160, 76.0127, -67.3676



76.4360, 59.4381, 22.4196



69.0960, 31.9977, 97.2628

Triad

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



76.4360, 59.4381, 22.4196



75.6070, -37.2743, 55.5957



74.8930, 15.3358, -65.6812

Complementary

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



76.4360, 59.4381, 22.4196



160.5640, -59.4381, -22.4196

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.



64.3710, -19.9029, -56.4534



76.4360, 59.4381, 22.4196



74.3910, -36.6748, 3.1651

Square

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



76.4360, 59.4381, 22.4196



54.4180, -26.8281, 111.8894



58.7000, -28.9391, -51.4799



83.5740, 46.0590, -73.2944

Rectangle

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



76.4360, 59.4381, 22.4196



68.8920, 7.9412, 113.2277



58.7000, -28.9391, -51.4799



71.9290, 3.9790, -63.0817

Sweetspot

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



76.4360, 59.4381, 22.4196



208.1300, 23.1069, 8.6560



114.8370, 40.5064, -65.6320



99.4040, 14.0978, 4.9077



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.



76.4360, 59.4381, 22.4196



66.9330, 92.7170, 35.1388



99.4590, 48.0877, 69.7575



91.9230, 3.4890, 0.9445



37.7180, 61.7640, 23.0493



8.2900, 13.6610, 5.0077

Inverse Universe

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



97.7730, 18.3529, 87.0221



100.1270, 28.5314, 135.8236



137.5410, -48.0877, -69.7575



93.3750, 1.2941, 4.9331



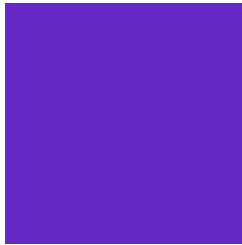
60.0230, 19.2157, 90.3108



13.2720, 4.3029, 19.9325

Previews

White Background



This preview shows how the YUV color 76.4360, 59.4381, 22.4196 looks on a white background.

Color Contrast Check

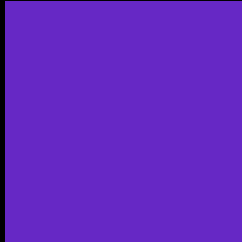
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 76.4360, 59.4381, 22.4196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

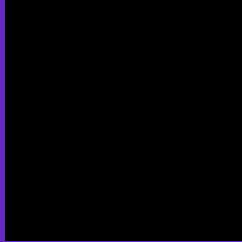
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.4360, 59.4381, 22.4196

Background



This preview shows how black text looks on a background with the YUV color 76.4360, 59.4381, 22.4196.



This preview shows how white text looks on a background with the YUV color 76.4360, 59.4381,

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

76.4360, 59.4381, 22.4196

Protanopia

65.4110, 50.0834, -57.3654

Tritanopia

80.8080, 4.5317, -6.8476

Trichromacy



Original Color

76.4360, 59.4381, 22.4196

Protanomaly

69.5100, 53.4856, -28.5113

Tritanomaly

79.1510, 24.5756, 4.2526

Monochromacy



Original Color

76.4360, 59.4381, 22.4196

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0760, 21.6545, 7.8263

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.4360, 59.4381, 22.4196 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(102, 40, 197)` looks like.

```
.text, #text, p{  
    color:rgb(102, 40, 197)  
}
```

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(102, 40, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 40, 197) }
```

Border

The CSS property to change the border of an element to YUV 76.4360, 59.4381, 22.4196 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(102, 40, 197) }
```

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

```
.border{ border-color:rgb(102, 40, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 40, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 40, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 40, 197);  
box-shadow:4px 4px 4px 4px rgb(102, 40,  
197) }
```


Background

The CSS property to change the background color of an element to YUV 76.4360, 59.4381, 22.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 40, 197) }
```

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

```
.background{ background-color: rgb(102, 40,  
197) }
```

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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