

Converting Colors

YUV(78.0150, 68.0266, 21.0348)

Have a look what the booklet for
YUV(78.0150, 68.0266, 21.0348)
contains.

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Color

**YUV(78.0150, 68.0266,
21.0348)**

Conversions

Conversions Part 1

Format	Color
Hex	6627D8
RGB	102, 39, 216
RGB Percent	40%, 15%, 85%
CMY	0.6000, 0.8471, 0.1529
CMYK	0.53, 0.82, 0.00, 0.15
HSL	261°, 69%, 50%
HSV	261°, 82%, 85%
XYZ	18.5997, 9.2337, 65.7677
YIQ	78.0150, -19.2690, 68.4030

Conversions

Conversions Part 2

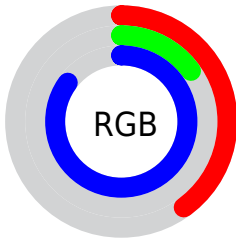
Format	Color
R _{YB}	102, 39, 216
Decimal	6694872
CIE Lab	36.43, 64.29, -78.67
CIE LCh	36, 101.596, 309.259
Yxy	9.2337, 0.1987, 0.0986
Android (android.graphics.Color)	4284884952 (0xFF6627D8)
YUV	78.0150, 68.0266, 21.0348
Hunter-Lab	30.3870, 56.0815, -107.0527

Details

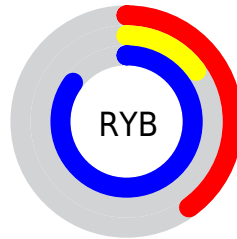
The YUV color **78.0150, 68.0266, 21.0348** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **176.9850, -68.0266, -21.0348**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9850, 60.1534, 26.3232**, and **26.0140, 66.0551, -0.0123** is the 20% darker color. If you saturate the color by 10%, you get **60.9150, 76.4569, 23.7535**, and if you desaturate by 10%, it is **95.1150, 59.5963, 18.3161**.

Distribution



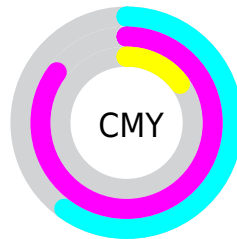
- Red (40%)
- Green (15%)
- Blue (85%)



- Red (40%)
- Yellow (15%)
- Blue (85%)



- Cyan (53%)
- Magenta (82%)
- Yellow (0%)
- Black (15%)



- Cyan (60%)
- Magenta (85%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.0150, 68.0266, 21.0348 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 78.0150, 68.0266, 21.0348 by changing the saturation by 10% instead.

■ 78.0150, 68.0266,
21.0348

■ 78.0150, 68.0266,
21.0348

■ 255.0000, 0.0000,
0.0000

■ 42.5360, 71.2208,
23.2089

■ 132.9850, 60.1534,
26.3232

■ 26.0140, 66.0551,
-0.0123

■ 158.1030, 47.7702,
31.4817

■ 15.1620, 58.0941,
-13.2971

■ 182.9220, 35.5345,
36.0254

■ 12.0840, 46.3006,
-10.5977

■ 208.6270, 22.8619,
40.6691

■ 12.7560, 33.6443,
-11.1870

■ 225.0630, 14.7589,
26.2547

■ 9.4330, 23.4505,
-8.2727

■ 242.0860, 6.3666,

■ 5.0500, 14.2723,

11.3256

-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 78.0150, 68.0266,
21.0348

■ 78.0150, 68.0266,
21.0348

■ 60.9150, 76.4569,
23.7535

■ 95.1150, 59.5963,
18.3161

■ 47.6470, 82.9980,
25.7426

■ 111.6280, 51.4554,
16.1122

■ 128.7280, 43.0251,
13.3935

■ 145.2410, 34.8842,
11.1896

■ 162.3410, 26.4539,
8.4709

■ 179.1420, 18.1710,
5.1375

■ 195.6550, 10.0301,
2.9336

■ 212.7550, 1.5998,
0.2149

■ 229.2680, -6.5411,
-1.9890

Harmonies

Analogous

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



82.8460, 83.8859, -72.6559



78.0150, 68.0266, 21.0348



74.3510, 35.3230, 104.0552

Triad

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



78.0150, 68.0266, 21.0348



78.0100, -38.4589, 62.2582



78.8710, 15.3466, -69.1699

Complementary

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



78.0150, 68.0266, 21.0348



176.9850, -68.0266, -21.0348

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.



66.9810, -25.1336, -58.7423



78.0150, 68.0266, 21.0348



77.9350, -38.4220, 3.5650

Square

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



78.0150, 68.0266, 21.0348



58.6040, -28.8918, 120.4963



61.6350, -30.3861, -54.0539



89.1650, 49.7117, -78.1977

Rectangle

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



78.0150, 68.0266, 21.0348



74.4740, 8.6403, 122.3643



61.6350, -30.3861, -54.0539



75.0920, 3.4056, -65.8557

Sweetspot

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



78.0150, 68.0266, 21.0348



205.1730, 24.5647, 7.7413



126.6830, 44.0333, -76.8980



97.6320, 14.9714, 4.7077



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.



78.0150, 68.0266, 21.0348



60.1110, 96.0803, 29.7207



104.0280, 55.2022, 74.5204



98.4500, 4.2152, 1.3594



37.7330, 65.7006, 20.4052



9.3870, 16.5712, 4.9226

Inverse Universe

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



104.9190, 23.7039, 97.4180



98.1040, 33.4727, 137.5978



150.9720, -55.2022, -74.5204



100.0870, 1.4361, 6.0627



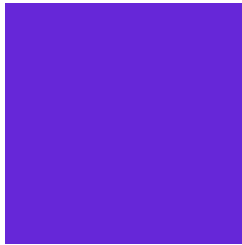
63.6690, 22.8412, 94.1293



16.0490, 5.8918, 23.6360

Previews

White Background



This preview shows how the YUV color 78.0150, 68.0266, 21.0348 looks on a white background.

Color Contrast Check

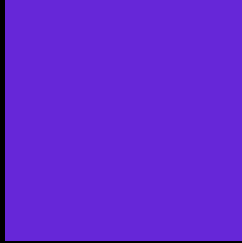
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.0150, 68.0266, 21.0348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

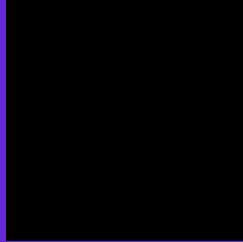
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.0150, 68.0266, 21.0348

Background



This preview shows how black text looks on a background with the YUV color 78.0150, 68.0266, 21.0348.



This preview shows how white text looks on a background with the YUV color 78.0150, 68.0266,

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

78.0150, 68.0266, 21.0348

Protanopia

68.5570, 51.9834, -60.1245

Deuteranopia

68.6420, 39.6165, -60.1990



Tritanopia

83.0240, 6.8902, -16.6840

Trichromacy



Original Color

78.0150, 68.0266, 21.0348

Protanomaly

71.9380, 57.7116, -30.6406

Deuteranomaly

71.8750, 49.8546, -30.5854

Tritanomaly

80.9590, 29.1072, -2.5950

Monochromacy



Original Color

78.0150, 68.0266, 21.0348

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1730, 24.5647, 7.7413

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.0150, 68.0266, 21.0348 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, 39, 216)` looks like.

```
.text, #text, p{  
    color:rgb(102, 39, 216)  
}
```

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, 39, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 39, 216) }
```

Border

The CSS property to change the border of an element to YUV 78.0150, 68.0266, 21.0348 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, 39, 216) }
```


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

```
.border{ border-color:rgb(102, 39, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 39, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 39, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 39, 216);  
box-shadow:4px 4px 4px 4px rgb(102, 39,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 78.0150, 68.0266, 21.0348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 39, 216) }
```

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

```
.background{ background-color: rgb(102, 39,  
216) }
```

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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