

Converting Colors

YUV(62.3690, 74.7541, 56.6814)

Have a look what the booklet for
YUV(62.3690, 74.7541, 56.6814)
contains.

| | |
|--|----|
| YUV(62.3690, 74.7541, 56.6814) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 30 |

Color

**YUV(62.3690, 74.7541,
56.6814)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 7F00D6 |
| RGB | 127, 0, 214 |
| RGB Percent | 50%, 0%, 84% |
| CMY | 0.5020, 1.0000, 0.1608 |
| CMYK | 0.41, 1.00, 0.00, 0.16 |
| HSL | 276°, 100%, 42% |
| HSV | 276°, 100%, 84% |
| XYZ | 20.8900, 9.3671, 64.3253 |
| YIQ | 62.3690, 6.9980, 93.4780 |

Conversions

Conversions Part 2

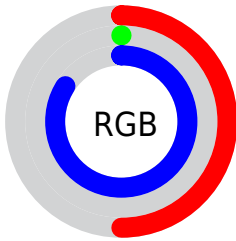
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 127, 0, 214 |
| Decimal | 8323286 |
| CIE _{Lab} | 36.68, 74.67, -76.99 |
| CIE _{LCh} | 37, 107.248, 314.123 |
| Yxy | 9.3671, 0.2209, 0.0990 |
| Android (android.graphics.Color) | 4286513366 (0xFF7F00D6) |
| YUV | 62.3690, 74.7541, 56.6814 |
| Hunter-Lab | 30.6057, 68.2759, -103.1886 |

Details

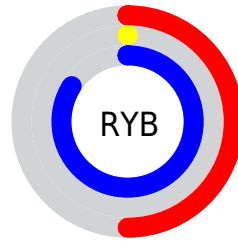
The YUV color **62.3690, 74.7541, 56.6814** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **151.6310, -74.7541, -56.6814**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3560, 60.9565, 48.7998**, and **37.1480, 59.5800, 23.5492** is the 20% darker color. If you saturate the color by 10%, you get **62.3690, 74.7541, 56.6814**, and if you desaturate by 10%, it is **77.3870, 67.3502, 51.4036**.

Distribution



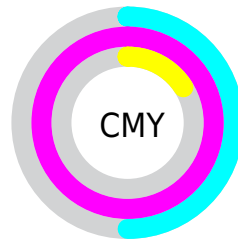
- Red (50%)
- Green (0%)
- Blue (84%)



- Red (50%)
- Yellow (0%)
- Blue (84%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (50%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.3690, 74.7541, 56.6814 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 62.3690, 74.7541, 56.6814 by changing the saturation by 10% instead.

62.3690, 74.7541,
56.6814

62.3690, 74.7541,
56.6814

255.0000, 0.0000,
0.0000

49.9080, 67.0934,
40.4227

131.3560, 60.9565,
48.7998

37.1480, 59.5800,
23.5492

157.6480, 47.9945,
52.9287

21.8110, 53.8302,
1.0428

183.0540, 35.4694,
56.9576

11.9700, 45.8638,
-10.4977

202.1700, 26.0452,
46.3319

9.0060, 34.5070,
-7.8983

218.6060, 17.9422,
31.9175

9.2050, 22.5769,
-8.0728

236.2160, 9.2605,

4.9360, 13.8356,

16.4736

-4.3289

253.2390, 0.8682,
1.5444

0.6840, 2.6208,
-0.5999

0.0000, 0.0000,
0.0000

62.3690, 74.7541,
56.6814

77.3870, 67.3502,
51.4036

92.6930, 59.8044,
44.9962

107.7110, 52.4005,
39.7185

123.3160, 44.7072,
33.9259

■ 138.3340, 37.3033,
28.6481

■ 153.0530, 30.0469,
22.7555

■ 168.6580, 22.3536,
16.9629

■ 183.6760, 14.9497,
11.6851

■ 198.9820, 7.4039,
5.2778

Harmonies

Analogous

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



80.7260, 85.9171, -70.7967



62.3690, 74.7541, 56.6814



77.3970, 28.8913, 113.6618

Triad

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



62.3690, 74.7541, 56.6814



80.0260, -39.4528, 54.3512



81.9830, 22.1934, -71.8991

Complementary

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



62.3690, 74.7541, 56.6814



151.6310, -74.7541, -56.6814

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.



69.5060, -17.9975, -60.9568



62.3690, 74.7541, 56.6814



76.3850, -37.6578, -8.2306

Square

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



62.3690, 74.7541, 56.6814



58.3050, -28.7444, 119.8815



63.3960, -31.2542, -55.5983



92.5050, 57.4320, -81.1269

Rectangle

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



62.3690, 74.7541, 56.6814



75.7970, 2.0721, 129.0970



63.3960, -31.2542, -55.5983



77.9760, 9.3788, -68.3850

Sweetspot

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



62.3690, 74.7541, 56.6814



201.1190, 26.5633, 20.0666



76.6390, 67.7190, -67.2124



95.3170, 16.1127, 12.0000



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.



62.3690, 74.7541, 56.6814



74.2190, 89.1250, 67.3369



86.3300, 54.0673, 111.9666



99.3470, 3.7729, 3.2037



49.6930, 59.8044, 44.9962



12.6760, 14.9497, 11.6851

Inverse Universe

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



73.9040, 6.4563, 122.8642



88.1010, 7.8382, 146.3704



127.6700, -54.0673, -111.9666



99.8590, 0.5625, 6.2627



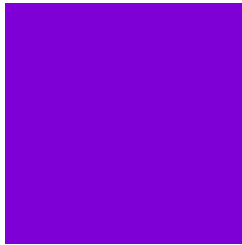
58.9950, 4.9325, 98.2284



14.9090, 1.5239, 24.6358

Previews

White Background



This preview shows how the YUV color 62.3690, 74.7541, 56.6814 looks on a white background.

Color Contrast Check

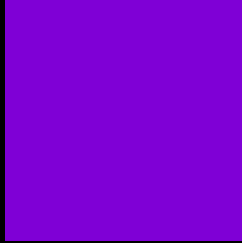
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.3690, 74.7541, 56.6814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

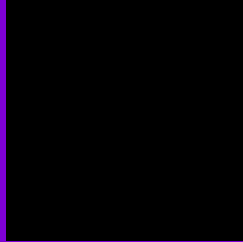
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.3690, 74.7541, 56.6814

Background



This preview shows how black text looks on a background with the YUV color 62.3690, 74.7541, 56.6814.



This preview shows how white text looks on a background with the YUV color 62.3690, 74.7541,

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



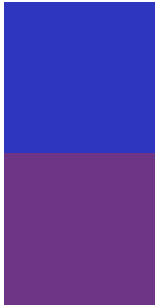
Protanopia

70.3010, 53.5886, -61.6540

Tritanopia

89.4680, 0.2623, 9.2366

Trichromacy



Protanomaly

67.3400, 61.4574, -18.7152

Tritanomaly

79.3910, 27.4152, 26.8441

Monochromacy



Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9450, 27.1421, 21.0962

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.3690, 74.7541, 56.6814 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(127, 0, 214)` looks like.

```
.text, #text, p{  
    color:rgb(127, 0, 214)  
}
```

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(127, 0, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 0, 214) }
```

Border

The CSS property to change the border of an element to YUV 62.3690, 74.7541, 56.6814 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(127, 0, 214) }
```

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

```
.border{ border-color:rgb(127, 0, 214) }
```

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

Here you see how a box with a 4 pixel rgb(127, 0, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 0, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 0, 214);  
box-shadow:4px 4px 4px 4px rgb(127, 0,  
214) }
```


Background

The CSS property to change the background color of an element to YUV 62.3690, 74.7541, 56.6814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 0, 214) }
```

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

```
.background{ background-color: rgb(127, 0,  
214) }
```

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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