

Converting Colors

YUV(100.1560, 67.4641,
14.7722)

Have a look what the booklet for
YUV(100.1560, 67.4641, 14.7722)
contains.

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Color

**YUV(100.1560, 67.4641,
14.7722)**

Conversions

Conversions Part 1

Format	Color
Hex	7541ED
RGB	117, 65, 237
RGB Percent	46%, 25%, 93%
CMY	0.5412, 0.7451, 0.0706
CMYK	0.51, 0.73, 0.00, 0.07
HSL	258°, 83%, 59%
HSV	258°, 73%, 93%
XYZ	24.5125, 13.6769, 81.4687
YIQ	100.1560, -24.2200, 64.5160

Conversions

Conversions Part 2

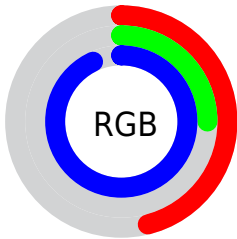
Format	Color
R _Y B	117, 65, 237
Decimal	7684589
CIE Lab	43.77, 60.65, -78.52
CIE LCh	44, 99.219, 307.682
Yxy	13.6769, 0.2049, 0.1143
Android (android.graphics.Color)	4285874669 (0xFF7541ED)
YUV	100.1560, 67.4641, 14.7722
Hunter-Lab	36.9823, 53.5936, -104.7229

Details

The YUV color **100.1560, 67.4641, 14.7722** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **201.8440, -67.4641, -14.7722**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9710, 51.2863, 23.7044**, and **37.8070, 70.1011, 8.9393** is the 20% darker color. If you saturate the color by 10%, you get **80.9850, 76.9154, 16.6762**, and if you desaturate by 10%, it is **119.3270, 58.0128, 12.8682**.

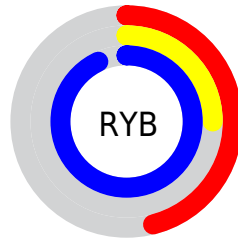
Distribution



Red (46%)

Green (25%)

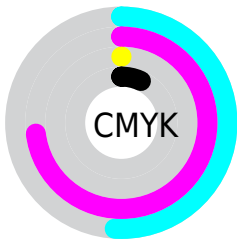
Blue (93%)



Red (46%)

Yellow (25%)

Blue (93%)

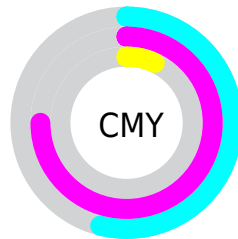


Cyan (51%)

Magenta (73%)

Yellow (0%)

Black (7%)



Cyan (54%)

Magenta (75%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.1560, 67.4641, 14.7722 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 100.1560, 67.4641, 14.7722 by changing the saturation by 10% instead.

100.1560, 67.4641,
14.7722

100.1560, 67.4641,
14.7722

255.0000, 0.0000,
0.0000

71.4330, 67.3275,
11.8983

150.9710, 51.2863,
23.7044

37.8070, 70.1011,
8.9393

176.0890, 38.9031,
28.8629

17.3280, 66.3933,
-15.1967

201.4950, 26.3780,
32.8919

14.2500, 54.5998,
-12.4972

222.7150, 15.9165,
28.3139

11.2860, 43.2430,
-9.8978

239.7380, 7.5242,
13.3848

13.7190, 29.7185,
-12.0316

8.0480, 20.6823,

-7.0581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 100.1560, 67.4641,
14.7722

■ 100.1560, 67.4641,
14.7722

■ 80.9850, 76.9154,
16.6762

■ 119.3270, 58.0128,
12.8682

■ 62.7000, 85.9299,
18.6801

■ 137.6120, 48.9983,
10.8643

■ 48.5460, 92.9078,
20.5692

■ 156.7830, 39.5470,
8.9603

■ 175.6550, 30.2431,
6.4416

■ 194.2390, 21.0812,
5.0524

■ 213.1110, 11.7773,
2.5337

■ 232.2820, 2.3260,
0.6297

■ 251.1540, -6.9779,
-1.8891

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



93.6400, 79.5505, -82.1223



100.1560, 67.4641, 14.7722



82.2410, 42.2792, 112.9216

Triad

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



100.1560, 67.4641, 14.7722



94.8770, -46.7744, 69.3909



92.2070, 15.6739, -80.8655

Complementary

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



100.1560, 67.4641, 14.7722



201.8440, -67.4641, -14.7722

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.



79.9580, -23.6433, -70.1232



100.1560, 67.4641, 14.7722



95.6880, -47.1742, 10.7976

Square

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



100.1560, 67.4641, 14.7722



66.0790, -32.5769, 135.8657



72.7880, -35.8845, -63.8351



101.9140, 50.3284, -89.3786

Rectangle

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



100.1560, 67.4641, 14.7722



82.9620, 15.3017, 132.4603



72.7880, -35.8845, -63.8351



88.9010, 3.0068, -77.9662

Sweetspot

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



100.1560, 67.4641, 14.7722



210.4670, 21.9548, 4.8524



155.0480, 40.4023, -78.9721



100.8660, 13.3771, 2.7485



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.



100.1560, 67.4641, 14.7722



78.3410, 87.0929, 18.9949



125.8700, 54.7871, 67.6430



108.1510, 4.3626, 0.7446



37.0790, 70.9531, 15.7167



10.9400, 21.2286, 4.4376

Inverse Universe

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



130.1080, 27.0618, 93.7443



117.0480, 34.9793, 120.9839



176.1300, -54.7871, -67.6430



110.2010, 1.8729, 5.9627



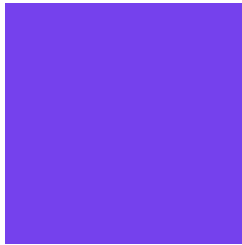
68.4830, 28.3559, 98.6774



20.3640, 8.2015, 29.4988

Previews

White Background



This preview shows how the YUV color 100.1560, 67.4641, 14.7722 looks on a white background.

Color Contrast Check

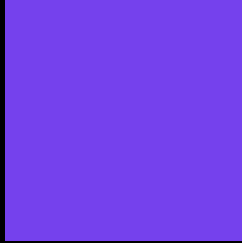
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.1560, 67.4641, 14.7722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

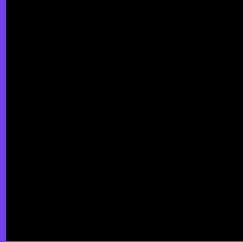
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.1560, 67.4641, 14.7722

Background



This preview shows how black text looks on a background with the YUV color 100.1560, 67.4641, 14.7722.



This preview shows how white text looks on a background with the YUV color 100.1560, 67.4641, 14.7722.

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

100.1560, 67.4641, 14.7722

Deuteranopia

82.8560, 48.3850, -72.6647

Tritanopia

100.2520, 7.7638, -16.8840

Trichromacy



Original Color

100.1560, 67.4641, 14.7722



Deuteranomaly

89.1880, 55.1233, -40.5069



Tritanomaly

100.3500, 29.4075, -5.5689

Monochromacy



Original Color

100.1560, 67.4641, 14.7722



Achromatopsia

100.0000, 0.0000, 0.0000



Achromatomaly

99.8630, 24.7175, 5.3821

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.1560, 67.4641, 14.7722 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(117, 65, 237)` looks like.

```
.text, #text, p{  
  color:rgb(117, 65, 237)  
}
```

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(117, 65, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 65, 237) }
```

Border

The CSS property to change the border of an element to YUV 100.1560, 67.4641, 14.7722 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(117, 65, 237) }
```

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

```
.border{ border-color:rgb(117, 65, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 65, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 65, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 65, 237);  
box-shadow:4px 4px 4px 4px rgb(117, 65,  
237) }
```


Background

The CSS property to change the background color of an element to YUV 100.1560, 67.4641, 14.7722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 65, 237) }
```

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

```
.background{ background-color: rgb(117, 65,  
237) }
```

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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