

Converting Colors

YUV(65.8260, 84.8818, 28.2166)

Have a look what the booklet for
YUV(65.8260, 84.8818, 28.2166)
contains.

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Color

**YUV(65.8260, 84.8818,
28.2166)**

Conversions

Conversions Part 1

Format	Color
Hex	6210EE
RGB	98, 16, 238
RGB Percent	38%, 6%, 93%
CMY	0.6157, 0.9373, 0.0667
CMYK	0.59, 0.93, 0.00, 0.07
HSL	262°, 87%, 50%
HSV	262°, 93%, 93%
XYZ	20.6549, 9.1403, 81.5645
YIQ	65.8260, -22.3900, 86.4260

Conversions

Conversions Part 2

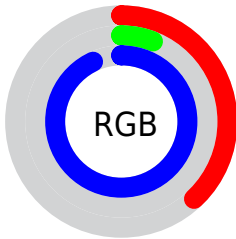
Format	Color
R _Y B	98, 16, 238
Decimal	6426862
CIE Lab	36.25, 75.38, -91.55
CIE LCh	36, 118.587, 309.467
Yxy	9.1403, 0.1855, 0.0821
Android (android.graphics.Color)	4284616942 (0xFF6210EE)
YUV	65.8260, 84.8818, 28.2166
Hunter-Lab	30.2329, 69.0422, -138.7937

Details

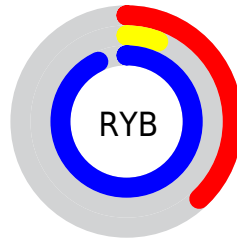
The YUV color **65.8260, 84.8818, 28.2166** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **188.1740, -84.8818, -28.2166**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.2400, 63.4787, 33.1155**, and **20.5200, 78.6236, -17.9960** is the 20% darker color. If you saturate the color by 10%, you get **53.4440, 90.9861, 30.3056**, and if you desaturate by 10%, it is **84.3990, 75.7253, 25.0831**.

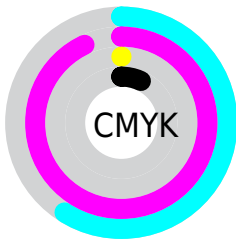
Distribution



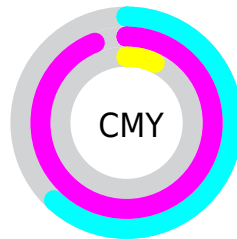
- Red (38%)
- Green (6%)
- Blue (93%)



- Red (38%)
- Yellow (6%)
- Blue (93%)



- Cyan (59%)
- Magenta (93%)
- Yellow (0%)
- Black (7%)



- Cyan (62%)
- Magenta (94%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.8260, 84.8818, 28.2166 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 65.8260, 84.8818, 28.2166 by changing the saturation by 10% instead.

65.8260, 84.8818,
28.2166

65.8260, 84.8818,
28.2166

255.0000, 0.0000,
0.0000

41.7660, 82.4464,
15.9912

126.2400, 63.4787,
33.1155

20.5200, 78.6236,
-17.9960

151.9450, 50.8061,
37.7592

17.3280, 66.3933,
-15.1967

177.9490, 37.9861,
43.0177

14.2500, 54.5998,
-12.4972

202.7570, 25.7558,
45.8171

13.6340, 42.0854,
-11.9570

219.1930, 17.6529,
31.4027

13.7190, 29.7185,
-12.0316

236.8030, 8.9711,

8.1620, 21.1191,

15.9588

-7.1581

253.8260, 0.5788,
1.0296

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 65.8260, 84.8818,
28.2166

■ 65.8260, 84.8818,
28.2166

■ 53.4440, 90.9861,
30.3056

■ 84.3990, 75.7253,
25.0831

■ 102.9720, 66.5688,
21.9496

■ 120.9580, 57.7017,
19.3308

■ 139.5310, 48.5452,
16.1973

■ 158.1040, 39.3887,
13.0638

■ 176.6770, 30.2322,
9.9303

■ 195.2500, 21.0757,
6.7968

■ 213.2360, 12.2087,
4.1780

■ 231.8090, 3.0522,
1.0445

Harmonies

Analogous

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



84.8350, 83.8913, -74.4003



65.8260, 84.8818, 28.2166



80.4600, 36.7482, 113.6066

Triad

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



65.8260, 84.8818, 28.2166



75.6950, -37.3176, 69.5505



80.0280, 17.2412, -70.1846

Complementary

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



65.8260, 84.8818, 28.2166



188.1740, -84.8818, -28.2166

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.



65.7440, -32.4118, -57.6575



65.8260, 84.8818, 28.2166



77.0270, -37.9743, -0.0237

Square

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



65.8260, 84.8818, 28.2166



62.7900, -30.9555, 129.1032



62.8090, -30.9648, -55.0835



92.3910, 56.9952, -81.0269

Rectangle

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



65.8260, 84.8818, 28.2166



79.8560, 5.9870, 133.4303



62.8090, -30.9648, -55.0835



75.5650, 2.6795, -66.2705

Sweetspot

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



65.8260, 84.8818, 28.2166



199.8680, 27.1801, 8.8858



124.0750, 56.1650, -94.7818



93.8000, 16.8606, 5.4374



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.



65.8260, 84.8818, 28.2166



57.1760, 97.5272, 32.2946



98.7160, 68.6670, 95.8421



110.5640, 4.6519, 1.2594



41.3080, 70.3472, 23.4089



12.6630, 21.3651, 7.3115

Inverse Universe

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



98.3380, 28.4274, 122.4836



94.5990, 32.7357, 140.6717



155.2840, -68.6670, -95.8421



112.3860, 1.2887, 6.6775



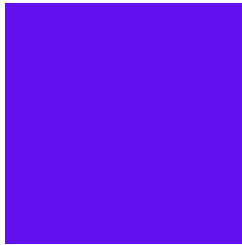
68.2400, 23.5457, 101.5215



20.7340, 7.0331, 30.9283

Previews

White Background



This preview shows how the YUV color 65.8260, 84.8818, 28.2166 looks on a white background.

Color Contrast Check

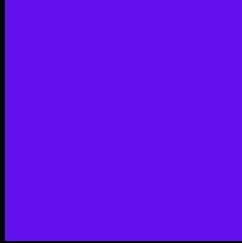
Large Text (above 18pt) WCAG AA ✓ Pass

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 65.8260, 84.8818, 28.2166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

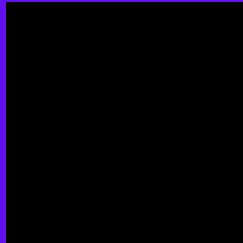
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.8260, 84.8818, 28.2166

Background



This preview shows how black text looks on a background with the YUV color 65.8260, 84.8818, 28.2166.



This preview shows how white text looks on a background with the YUV color 65.8260, 84.8818,

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

65.8260, 84.8818, 28.2166

Protanopia

68.5570, 51.9834, -60.1245

Deuteranopia

68.5280, 39.1797, -60.0991



Tritanopia

77.4670, 11.6018, -34.6126

Trichromacy



Original Color

65.8260, 84.8818, 28.2166

Protanomaly

67.8550, 63.6685, -27.9368

Deuteranomaly

67.7920, 55.8115, -27.8816

Tritanomaly

73.3090, 38.3017, -11.6720

Monochromacy



Original Color

65.8260, 84.8818, 28.2166

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.2040, 30.9584, 10.3451

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.8260, 84.8818, 28.2166 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(98, 16, 238)` looks like.

```
.text, #text, p{  
    color:rgb(98, 16, 238)  
}
```

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(98, 16, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 16, 238) }
```

Border

The CSS property to change the border of an element to YUV 65.8260, 84.8818, 28.2166 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(98, 16, 238) }
```


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

```
.border{ border-color:rgb(98, 16, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 16, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 16, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 16, 238);  
box-shadow:4px 4px 4px 4px rgb(98, 16,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 65.8260, 84.8818, 28.2166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 16, 238) }
```

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

```
.background{ background-color: rgb(98, 16,  
238) }
```

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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