

Converting Colors

YUV(73.3560, 70.8165, 12.8428)

Have a look what the booklet for
YUV(73.3560, 70.8165, 12.8428)
contains.

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Color

**YUV(73.3560, 70.8165,
12.8428)**

Conversions

Conversions Part 1

Format	Color
Hex	5826D9
RGB	88, 38, 217
RGB Percent	35%, 15%, 85%
CMY	0.6549, 0.8510, 0.1490
CMYK	0.59, 0.82, 0.00, 0.15
HSL	257°, 70%, 50%
HSV	257°, 82%, 85%
XYZ	17.2420, 8.4707, 66.3719
YIQ	73.3560, -27.6590, 66.2690

Conversions

Conversions Part 2

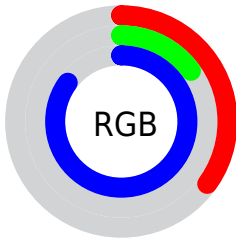
Format	Color
R _{YB}	88, 38, 217
Decimal	5777113
CIE Lab	34.94, 63.45, -81.74
CIE LCh	35, 103.482, 307.821
Yxy	8.4707, 0.1872, 0.0920
Android (android.graphics.Color)	4283967193 (0xFF5826D9)
YUV	73.3560, 70.8165, 12.8428
Hunter-Lab	29.1044, 54.8139, -114.8361

Details

The YUV color **73.3560, 70.8165, 12.8428** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **181.6440, -70.8165, -12.8428**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.5220, 62.3537, 20.5902**, and **18.3540, 70.3245, -16.0965** is the 20% darker color. If you saturate the color by 10%, you get **55.6580, 79.5416, 14.3319**, and if you desaturate by 10%, it is **91.0540, 62.0914, 11.3536**.

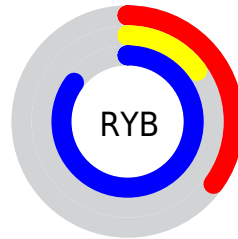
Distribution



Red (35%)

Green (15%)

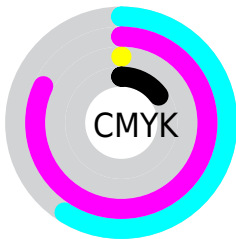
Blue (85%)



Red (35%)

Yellow (15%)

Blue (85%)

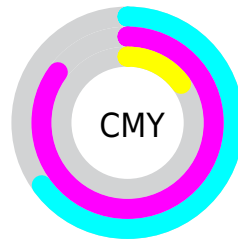


Cyan (59%)

Magenta (82%)

Yellow (0%)

Black (15%)



Cyan (65%)

Magenta (85%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.3560, 70.8165, 12.8428 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 73.3560, 70.8165, 12.8428 by changing the saturation by 10% instead.

■ 73.3560, 70.8165,
12.8428

■ 73.3560, 70.8165,
12.8428

■ 255.0000, 0.0000,
0.0000

■ 37.8550, 74.0215,
11.5282

■ 128.5220, 62.3537,
20.5902

■ 18.3540, 70.3245,
-16.0965

■ 152.7540, 50.4073,
25.6487

■ 15.1620, 58.0941,
-13.2971

■ 177.8720, 38.0241,
30.8073

■ 12.1980, 46.7374,
-10.6976

■ 203.5770, 25.3515,
35.4510

■ 15.8050, 32.6341,
-13.8610

■ 223.3020, 15.6271,
27.7991

■ 9.4330, 23.4505,
-8.2727

■ 240.3250, 7.2348,

■ 5.1640, 14.7091,

12.8700

-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 73.3560, 70.8165,
12.8428

■ 73.3560, 70.8165,
12.8428

■ 55.6580, 79.5416,
14.3319

■ 91.0540, 62.0914,
11.3536

■ 42.9770, 85.7933,
15.8062

■ 107.8660, 53.8031,
9.7645

■ 125.5640, 45.0779,
8.2754

■ 143.2620, 36.3528,
6.7862

■ 160.6610, 27.7751,
4.6823

■ 177.7720, 19.3394,
3.7080

■ 195.1710, 10.7617,
1.6040

■ 212.8690, 2.0366,
0.1149

■ 229.9800, -6.3991,
-0.8595

Harmonies

Analogous

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



82.2590, 84.1753, -72.1411



73.3560, 70.8165, 12.8428



72.9700, 36.4968, 100.8813

Triad

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



73.3560, 70.8165, 12.8428



73.6020, -36.2858, 65.2470



75.7250, 13.4466, -66.4108

Complementary

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



73.3560, 70.8165, 12.8428



181.6440, -70.8165, -12.8428

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.



62.9230, -30.5280, -55.1835



73.3560, 70.8165, 12.8428



75.5870, -37.2644, 5.6242

Square

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



73.3560, 70.8165, 12.8428



58.3050, -28.7444, 119.8815



59.2870, -29.2285, -51.9947



86.1330, 48.2484, -75.5386

Rectangle

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



73.3560, 70.8165, 12.8428



73.2780, 9.2299, 119.9052



59.2870, -29.2285, -51.9947



71.8320, 1.0688, -62.9967

Sweetspot

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



73.3560, 70.8165, 12.8428



203.6780, 25.3017, 4.6674



135.3030, 40.2766, -85.3347



96.7350, 15.4136, 2.8634



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.



73.3560, 70.8165, 12.8428



52.6580, 99.7546, 17.8399



99.3690, 57.9921, 66.3284



101.1510, 4.3626, 0.7446



34.0740, 68.4905, 12.2131



9.1310, 18.1764, 3.3931

Inverse Universe

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



106.2270, 29.9611, 97.1479



98.9820, 41.9139, 136.8278



155.6310, -57.9921, -66.3284



103.2010, 1.8729, 5.9627



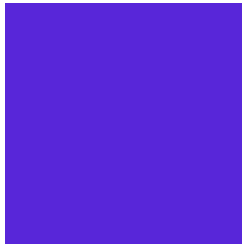
65.9770, 29.0983, 93.8592



17.5160, 7.6336, 24.9805

Previews

White Background



This preview shows how the YUV color 73.3560, 70.8165, 12.8428 looks on a white background.

Color Contrast Check

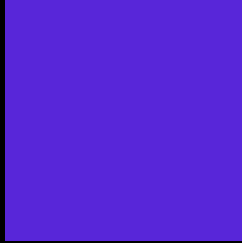
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.3560, 70.8165, 12.8428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

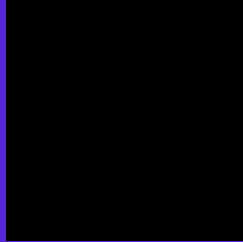
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.3560, 70.8165, 12.8428

Background



This preview shows how black text looks on a background with the YUV color 73.3560, 70.8165, 12.8428.



This preview shows how white text looks on a background with the YUV color 73.3560, 70.8165,

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

73.3560, 70.8165, 12.8428

Protanopia

65.4110, 50.0834, -57.3654

Deuteranopia

66.0830, 37.4271, -57.9548



Tritanopia

73.7550, 11.4598, -35.7421

Trichromacy



Original Color

73.3560, 70.8165, 12.8428

Protanomaly

68.2260, 57.5696, -31.7702

Deuteranomaly

68.7500, 49.4232, -32.2298

Tritanomaly

73.5980, 33.2292, -18.0644

Monochromacy



Original Color

73.3560, 70.8165, 12.8428

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.7920, 25.7385, 4.5674

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.3560, 70.8165, 12.8428 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(88, 38, 217)` looks like.

```
.text, #text, p{  
    color:rgb(88, 38, 217)  
}
```

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(88, 38, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 38, 217) }
```

Border

The CSS property to change the border of an element to YUV 73.3560, 70.8165, 12.8428 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(88, 38, 217) }
```


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

```
.border{ border-color:rgb(88, 38, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 38, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 38, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 38, 217);  
box-shadow:4px 4px 4px 4px rgb(88, 38,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 73.3560, 70.8165, 12.8428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 38, 217) }
```

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

```
.background{ background-color: rgb(88, 38,  
217) }
```

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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