

Converting Colors

YUV(80.8560, 45.4270,
-10.3977)

Have a look what the booklet for
YUV(80.8560, 45.4270, -10.3977)
contains.

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Color

**YUV(80.8560, 45.4270,
-10.3977)**

Conversions

Conversions Part 1

Format	Color
Hex	4545AD
RGB	69, 69, 173
RGB Percent	27%, 27%, 68%
CMY	0.7294, 0.7294, 0.3216
CMYK	0.60, 0.60, 0.00, 0.32
HSL	240°, 43%, 47%
HSV	240°, 60%, 68%
XYZ	12.1252, 8.5386, 40.5442
YIQ	80.8560, -33.3840, 32.3440

Conversions

Conversions Part 2

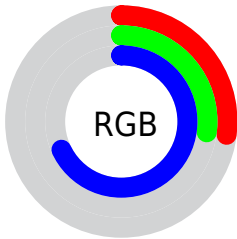
Format	Color
R_{YB}	69, 69, 173
Decimal	4539821
CIE _{Lab}	35.08, 31.53, -55.82
CIE _{LCh}	35, 64.106, 299.460
Yxy	8.5386, 0.1981, 0.1395
Android (android.graphics.Color)	4282729901 (0xFF4545AD)
YUV	80.8560, 45.4270, -10.3977
Hunter-Lab	29.2209, 22.9321, -61.8108

Details

The YUV color **80.8560, 45.4270, -10.3977** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **161.1440, -45.4270, 10.3977**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7580, 47.4473, -5.0498**, and **28.9420, 44.8916, -25.3821** is the 20% darker color. If you saturate the color by 10%, you get **65.7940, 52.8526, -12.0973**, and if you desaturate by 10%, it is **95.9180, 38.0014, -8.6981**.

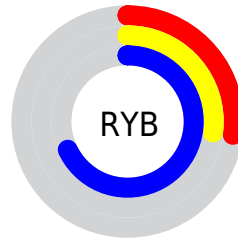
Distribution



Red (27%)

Green (27%)

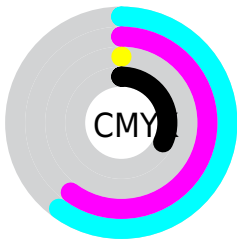
Blue (68%)



Red (27%)

Yellow (27%)

Blue (68%)

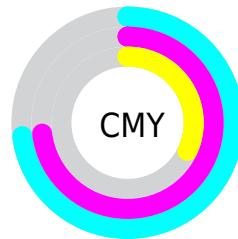


Cyan (60%)

Magenta (60%)

Yellow (0%)

Black (32%)



Cyan (73%)

Magenta (73%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.8560, 45.4270, -10.3977 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 80.8560, 45.4270, -10.3977 by changing the saturation by 10% instead.

■ 80.8560, 45.4270,
-10.3977

■ 80.8560, 45.4270,
-10.3977

■ 255.0000, 0.0000,
0.0000

■ 54.9970, 44.8645,
-16.6604

■ 132.7580, 47.4473,
-5.0498

■ 28.9420, 44.8916,
-25.3821

■ 159.3560, 47.1525,
-3.8202

■ 13.6510, 39.6121,
-11.9719

■ 183.8760, 35.0641,
0.1087

■ 7.9800, 30.5759,
-6.9985

■ 208.6950, 22.8284,
4.6525

■ 7.5920, 18.9351,
-6.6582

■ 233.8020, 10.4506,
8.0666

■ 3.4370, 10.6306,
-3.0142

■ 254.4130, 0.2894,

■ 0.0000, 0.0000,

0.5148

0.0000

■ 80.8560, 45.4270,
-10.3977

■ 80.8560, 45.4270,
-10.3977

■ 65.7940, 52.8526,
-12.0973

■ 95.9180, 38.0014,
-8.6981

■ 49.8460, 60.7149,
-13.8969

■ 111.8660, 30.1391,
-6.8985

■ 34.7840, 68.1405,
-15.5966

■ 126.9280, 22.7135,
-5.1989

■ 19.7220, 75.5661,
-17.2962

■ 141.9900, 15.2879,
-3.4992

■ 157.9380, 7.4256,
-1.6996

■ 173.0000, 0.0000,
0.0000

■ 188.0620, -7.4256,
1.6996

■ 203.1240,
-14.8511, 3.3993

■ 219.0720,
-22.7135, 5.1989

Harmonies

Analogous

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



74.1480, 55.6360, -65.0278



80.8560, 45.4270, -10.3977



77.2080, 28.4915, 55.0686

Triad

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



80.8560, 45.4270, -10.3977



75.6180, -37.2797, 57.3400



69.5810, 5.1366, -61.0225

Complementary

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



80.8560, 45.4270, -10.3977



161.1440, -45.4270, 10.3977

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.



61.4360, -18.4559, -53.8794



80.8560, 45.4270, -10.3977



77.4580, -38.1868, 21.5233

Square

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



80.8560, 45.4270, -10.3977



64.5920, -14.0959, 88.0578



70.4270, -34.7205, -17.0375



76.0960, 27.5607, -66.7362

Rectangle

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



80.8560, 45.4270, -10.3977



60.1800, 21.1103, 89.2961



70.4270, -34.7205, -17.0375



66.9420, -2.4364, -58.7081

Sweetspot

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



80.8560, 45.4270, -10.3977



188.5600, 17.4719, -3.9991



141.9040, 15.3303, -63.9368



90.7360, 10.4832, -2.3995



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8560, 45.4270, -10.3977



81.3540, 70.3245, -16.0965



96.4040, 37.7618, 21.5707



79.0260, 3.9312, -0.8998



17.1000, 65.5197, -14.9967



2.6220, 10.0464, -2.2995

Inverse Universe

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



111.9520, 30.0967, 53.5391



129.4930, 46.5920, 82.8826



145.5960, -37.7618, -21.5707



81.7170, 2.6045, 4.6332



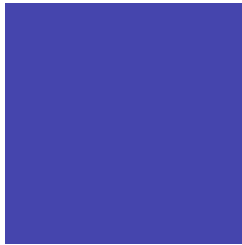
61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 80.8560, 45.4270, -10.3977 looks on a white background.

Color Contrast Check

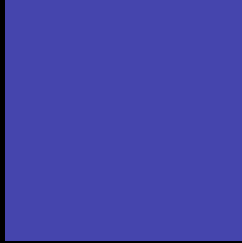
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.8560, 45.4270, -10.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

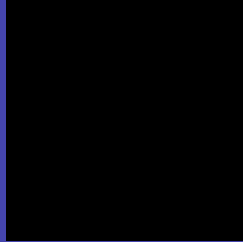
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.8560, 45.4270, -10.3977

Background



This preview shows how black text looks on a background with the YUV color 80.8560, 45.4270, -10.3977.



This preview shows how white text looks on a background with the YUV color 80.8560, 45.4270,

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

80.8560, 45.4270, -10.3977

Protanopia

65.5250, 50.5202, -57.4654

Deuteranopia

65.8380, 39.0269, -57.7399



Tritanopia

74.0540, 11.3124, -35.1274

Trichromacy



Original Color

80.8560, 45.4270, -10.3977

Protanomaly

70.8800, 48.8662, -40.2368

Deuteranomaly

71.5180, 41.1566, -40.7963

Tritanomaly

76.4370, 23.9416, -25.8162

Monochromacy



Original Color

80.8560, 45.4270, -10.3977

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2180, 16.1615, -3.6992

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8560, 45.4270, -10.3977 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(69, 69, 173)` looks like.

```
.text, #text, p{  
    color:rgb(69, 69, 173)  
}
```

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(69, 69, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 69, 173) }
```

Border

The CSS property to change the border of an element to YUV 80.8560, 45.4270, -10.3977 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(69, 69, 173) }
```


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

```
.border{ border-color:rgb(69, 69, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 69, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 69, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 69, 173);  
box-shadow:4px 4px 4px 4px rgb(69, 69,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 80.8560, 45.4270, -10.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 69, 173) }
```

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

```
.background{ background-color: rgb(69, 69,  
173) }
```

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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