

Converting Colors

YUV(86.8560, 45.4270,
-10.3977)

Have a look what the booklet for
YUV(86.8560, 45.4270, -10.3977)
contains.

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Color

**YUV(86.8560, 45.4270,
-10.3977)**

Conversions

Conversions Part 1

Format	Color
Hex	4B4BB3
RGB	75, 75, 179
RGB Percent	29%, 29%, 70%
CMY	0.7059, 0.7059, 0.2980
CMYK	0.58, 0.58, 0.00, 0.30
HSL	240°, 41%, 50%
HSV	240°, 58%, 70%
XYZ	13.5544, 9.7827, 43.8217
YIQ	86.8560, -33.3840, 32.3440

Conversions

Conversions Part 2

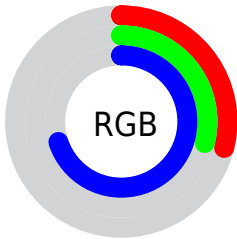
Format	Color
R _Y B	75, 75, 179
Decimal	4934579
CIE Lab	37.45, 30.84, -55.51
CIE LCh	37, 63.501, 299.056
Yxy	9.7827, 0.2018, 0.1457
Android (android.graphics.Color)	4283124659 (0xFF4B4BB3)
YUV	86.8560, 45.4270, -10.3977
Hunter-Lab	31.2773, 22.6200, -61.1754

Details

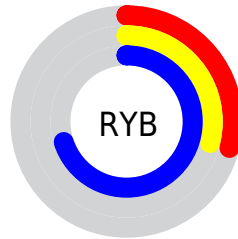
The YUV color **86.8560, 45.4270, -10.3977** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **167.1440, -45.4270, 10.3977**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4590, 47.5947, -5.6645**, and **32.4470, 45.6286, -28.4560** is the 20% darker color. If you saturate the color by 10%, you get **70.9080, 53.2894, -12.1973**, and if you desaturate by 10%, it is **102.8040, 37.5646, -8.5981**.

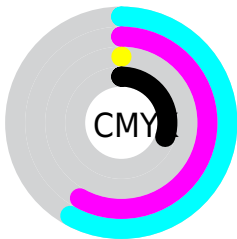
Distribution



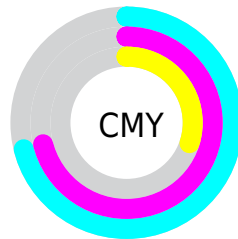
- Red (29%)
- Green (29%)
- Blue (70%)



- Red (29%)
- Yellow (29%)
- Blue (70%)



- Cyan (58%)
- Magenta (58%)
- Yellow (0%)
- Black (30%)



- Cyan (71%)
- Magenta (71%)
- Yellow (30%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.8560, 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 86.8560, 45.4270, -10.3977 by changing the saturation by 10% instead.

■ 86.8560, 45.4270,
-10.3977

■ 86.8560, 45.4270,
-10.3977

■ 255.0000, 0.0000,
0.0000

■ 60.7090, 45.0065,
-15.5308

■ 139.4590, 47.5947,
-5.6645

■ 32.4470, 45.6286,
-28.4560

■ 165.2590, 44.2423,
-3.7351

■ 18.4440, 40.2071,
-16.1754

■ 189.7790, 32.1540,
0.1938

■ 8.5500, 32.7599,
-7.4984

■ 214.2990, 20.0656,
4.1228

■ 8.1620, 21.1191,
-7.1581

■ 239.7050, 7.5404,
8.1517

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 86.8560, 45.4270,
-10.3977

■ 86.8560, 45.4270,
-10.3977

■ 70.9080, 53.2894,
-12.1973

■ 102.8040, 37.5646,
-8.5981

■ 54.9600, 61.1517,
-13.9969

■ 118.7520, 29.7023,
-6.7985

■ 39.0120, 69.0141,
-15.7965

■ 134.7000, 21.8399,
-4.9989

■ 23.0640, 76.8764,
-17.5961

■ 150.6480, 13.9775,
-3.1993

■ 20.4060, 78.1868,
-17.8961

■ 166.5960, 6.1152,
-1.3997

■ 181.6580, -1.3104,
0.2999

■ 197.6060, -9.1728,
2.0995

■ 213.5540,
-17.0351, 3.8991

■ 229.5020,
-24.8975, 5.6987

Harmonies

Analogous

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



78.2400, 56.0837, -68.6165



86.8560, 45.4270, -10.3977



85.0830, 28.0601, 53.4242

Triad

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



86.8560, 45.4270, -10.3977



81.2330, -40.0479, 58.5547



73.6730, 5.5842, -64.6112

Complementary

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



86.8560, 45.4270, -10.3977



167.1440, -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.



65.6420, -17.5715, -57.5680



86.8560, 45.4270, -10.3977



83.3720, -41.1024, 23.3528

Square

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



86.8560, 45.4270, -10.3977



73.5270, -15.5428, 85.4838



75.4550, -37.1993, -15.3080



80.1880, 28.0083, -70.3249

Rectangle

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



86.8560, 45.4270, -10.3977



72.0500, 18.2164, 84.1482



75.4550, -37.1993, -15.3080



71.6210, -2.2782, -62.8116

Sweetspot

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



86.8560, 45.4270, -10.3977



197.4460, 17.0351, -3.8991



147.9040, 15.3303, -63.9368



96.6220, 10.0464, -2.2995



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



86.8560, 45.4270, -10.3977



88.4680, 70.7613, -16.1964



102.4040, 37.7618, 21.5707



81.0260, 3.9312, -0.8998



17.4420, 66.8301, -15.2966



2.9640, 11.3567, -2.5994

Inverse Universe

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



117.9520, 30.0967, 53.5391



136.9060, 46.8813, 83.3974



151.5960, -37.7618, -21.5707



83.7170, 2.6045, 4.6332



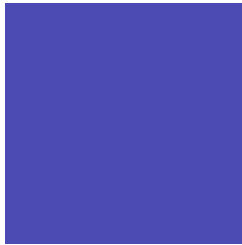
63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Previews

White Background



This preview shows how the YUV color 86.8560, 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 86.8560, 45.4270, -10.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

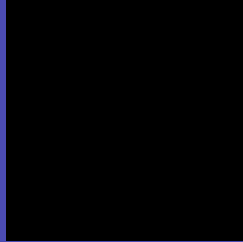
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.8560, 45.4270, -10.3977

Background



This preview shows how black text looks on a background with the YUV color 86.8560, 45.4270, -10.3977.



This preview shows how white text looks on a background with the YUV color 86.8560, 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

86.8560, 45.4270, -10.3977

Protanopia

70.4150, 54.0254, -61.7540

Deuteranopia

70.6140, 42.0953, -61.9285



Tritanopia

80.6630, 11.0121, -32.1535

Trichromacy



Original Color

86.8560, 45.4270, -10.3977

Protanomaly

76.1400, 51.2030, -43.0958

Deuteranomaly

76.6640, 43.0566, -43.5553

Tritanomaly

83.0350, 23.6467, -24.5867

Monochromacy



Original Color

86.8560, 45.4270, -10.3977

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.2180, 16.1615, -3.6992

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8560, 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(75, 75, 179)` looks like.

```
.text, #text, p{  
    color:rgb(75, 75, 179)  
}
```

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(75, 75, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 75, 179) }
```

Border

The CSS property to change the border of an element to YUV 86.8560, 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(75, 75, 179) }
```


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

```
.border{ border-color:rgb(75, 75, 179) }
```

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

Here you see how a box with a 4 pixel rgb(75, 75, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 75, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 75, 179);  
box-shadow:4px 4px 4px 4px rgb(75, 75,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 86.8560, 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(75, 75, 179) }
```

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

```
.background{ background-color: rgb(75, 75,  
179) }
```

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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