

Converting Colors

YUV(82.6360, 35.6755, -9.3278)

Have a look what the booklet for
YUV(82.6360, 35.6755, -9.3278)
contains.

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Color

**YUV(82.6360, 35.6755,
-9.3278)**

Conversions

Conversions Part 1

Format	Color
Hex	484A9B
RGB	72, 74, 155
RGB Percent	28%, 29%, 61%
CMY	0.7176, 0.7098, 0.3922
CMYK	0.54, 0.52, 0.00, 0.39
HSL	239°, 37%, 45%
HSV	239°, 54%, 61%
XYZ	11.0377, 8.6418, 32.0966
YIQ	82.6360, -27.1930, 24.7670

Conversions

Conversions Part 2

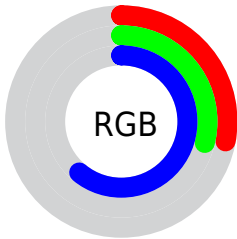
Format	Color
R_{YB}	72, 74, 155
Decimal	4737691
CIE _{Lab}	35.29, 22.88, -44.68
CIE _{LCh}	35, 50.201, 297.117
Yxy	8.6418, 0.2132, 0.1669
Android (android.graphics.Color)	4282927771 (0xFF484A9B)
YUV	82.6360, 35.6755, -9.3278
Hunter-Lab	29.3970, 15.5765, -44.1569

Details

The YUV color **82.6360, 35.6755, -9.3278** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **144.3640, -35.6755, 9.3278**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.1140, 37.4118, -6.2390**, and **30.8470, 35.5714, -22.6678** is the 20% darker color. If you saturate the color by 10%, you get **69.3460, 42.2274, -10.8274**, and if you desaturate by 10%, it is **96.2250, 28.9761, -7.2133**.

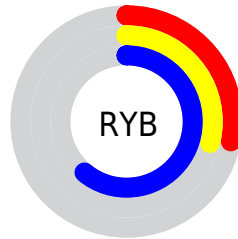
Distribution



Red (28%)

Green (29%)

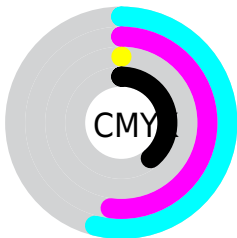
Blue (61%)



Red (28%)

Yellow (29%)

Blue (61%)

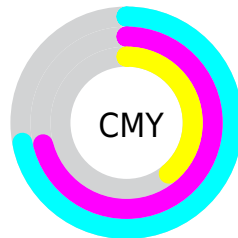


Cyan (54%)

Magenta (52%)

Yellow (0%)

Black (39%)



Cyan (72%)

Magenta (71%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.6360, 35.6755, -9.3278 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 82.6360, 35.6755, -9.3278 by changing the saturation by 10% instead.

■ 82.6360, 35.6755,
-9.3278

■ 82.6360, 35.6755,
-9.3278

■ 255.0000, 0.0000,
0.0000

■ 57.7990, 35.1021,
-12.1017

■ 134.1140, 37.4118,
-6.2390

■ 30.8470, 35.5714,
-22.6678

■ 160.1680, 38.8642,
-5.4093

■ 14.7620, 31.1763,
-12.9463

■ 186.2130, 33.9120,
-3.6948

■ 8.0310, 23.1557,
-7.0432

■ 210.7330, 21.8236,
0.2342

■ 4.9360, 13.8356,
-4.3289

■ 236.4270, 9.1565,
3.1335

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,

0.0000

■ 82.6360, 35.6755,
-9.3278

■ 82.6360, 35.6755,
-9.3278

■ 69.3460, 42.2274,
-10.8274

■ 96.2250, 28.9761,
-7.2133

■ 55.7570, 48.9268,
-12.9419

■ 109.5150, 22.4241,
-5.7137

■ 42.4670, 55.4788,
-14.4416

■ 123.1040, 15.7247,
-3.5992

■ 28.2910, 62.4675,
-16.0412

■ 136.9810, 8.8834,
-2.6143

■ 20.0180, 66.5461,
-17.5558

■ 150.5700, 2.1840,
-0.4999

■ 163.8600, -4.3680,
0.9998

■ 177.1500,
-10.9199, 2.4995

■ 190.7390,
-17.6193, 4.6139

■ 204.3280,
-24.3187, 6.7283

Harmonies

Analogous

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



70.9390, 45.8791, -62.2135



82.6360, 35.6755, -9.3278



84.1490, 21.1255, 37.5803

Triad

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



82.6360, 35.6755, -9.3278



78.1870, -33.6162, 48.9480



68.1790, 4.8418, -59.7930

Complementary

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



82.6360, 35.6755, -9.3278



144.3640, -35.6755, 9.3278

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.



61.6300, -12.6356, -54.0495



82.6360, 35.6755, -9.3278



78.0560, -38.4816, 22.7529

Square

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



82.6360, 35.6755, -9.3278



76.5630, -13.5886, 65.2812



72.8520, -35.9160, -6.8862



72.8530, 22.7505, -63.8921

Rectangle

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



82.6360, 35.6755, -9.3278



79.6370, 11.0250, 57.3234



72.8520, -35.9160, -6.8862



65.9960, -0.9840, -57.8785

Sweetspot

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



82.6360, 35.6755, -9.3278



173.2350, 13.6881, -3.7141



129.8410, 10.9244, -50.7266



85.1660, 8.2992, -1.8996



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



82.6360, 35.6755, -9.3278



89.3530, 55.0420, -14.3416



93.1230, 30.5054, 15.6781



69.9120, 3.4944, -0.7998



17.7210, 60.2835, -15.5413



1.4820, 5.6784, -1.2997

Inverse Universe

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



97.0450, -11.3612, 50.8265



111.6140, -17.5577, 78.3915



133.8770, -30.5054, -15.6781



71.3920, -1.1793, 4.9182



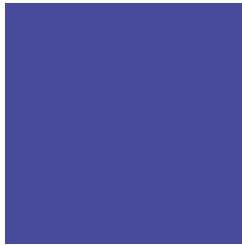
42.2020, -19.3266, 85.7688



3.8870, -1.9163, 7.9921

Previews

White Background



This preview shows how the YUV color 82.6360, 35.6755, -9.3278 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 82.6360, 35.6755, -9.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

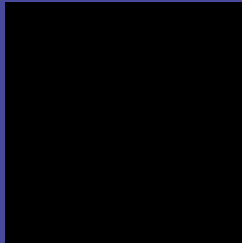
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.6360, 35.6755, -9.3278

Background



This preview shows how black text looks on a background with the YUV color 82.6360, 35.6755, -9.3278.



This preview shows how white text looks on a background with the YUV color 82.6360, 35.6755,

-9.3278.

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

82.6360, 35.6755, -9.3278

Protanopia

75.5940, 42.5982, -36.4779

Deuteranopia

66.2940, 40.7741, -58.1398



Tritanopia

78.7350, 8.5116, -23.4466

Trichromacy



Original Color

82.6360, 35.6755, -9.3278

Protanomaly

78.2640, 39.8028, -26.5415

Deuteranomaly

71.9480, 38.9726, -40.2964

Tritanomaly

80.2870, 18.0995, -18.6687

Monochromacy



Original Color

82.6360, 35.6755, -9.3278

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0070, 12.8145, -3.5141

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.6360, 35.6755, -9.3278 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(72, 74, 155)` looks like.

```
.text, #text, p{  
    color:rgb(72, 74, 155)  
}
```

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(72, 74, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 74, 155) }
```

Border

The CSS property to change the border of an element to YUV 82.6360, 35.6755, -9.3278 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(72, 74, 155) }
```


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

```
.border{ border-color:rgb(72, 74, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 74, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 74, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 74, 155);  
box-shadow:4px 4px 4px 4px rgb(72, 74,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 82.6360, 35.6755, -9.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 74, 155) }
```

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

```
.background{ background-color: rgb(72, 74,  
155) }
```

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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