

Converting Colors

YUV(82.3260, 29.4193, 37.4251)

Have a look what the booklet for
YUV(82.3260, 29.4193, 37.4251)
contains.

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Color

**YUV(82.3260, 29.4193,
37.4251)**

Conversions

Conversions Part 1

Format	Color
Hex	7D318E
RGB	125, 49, 142
RGB Percent	49%, 19%, 56%
CMY	0.5098, 0.8078, 0.4431
CMYK	0.12, 0.65, 0.00, 0.44
HSL	289°, 49%, 37%
HSV	289°, 65%, 56%
XYZ	14.4382, 8.5096, 26.4727
YIQ	82.3260, 15.4430, 45.0350

Conversions

Conversions Part 2

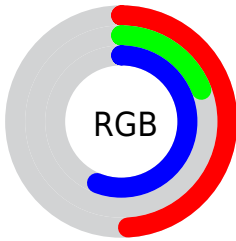
Format	Color
R_{YB}	125, 49, 142
Decimal	8204686
CIE _{Lab}	35.02, 46.86, -36.86
CIE _{LCh}	35, 59.619, 321.814
Yxy	8.5096, 0.2922, 0.1722
Android (android.graphics.Color)	4286394766 (0xFF7D318E)
YUV	82.3260, 29.4193, 37.4251
Hunter-Lab	29.1712, 37.2987, -33.3855

Details

The YUV color **82.3260, 29.4193, 37.4251** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **108.6740, -29.4193, -37.4251**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.4510, 29.8507, 39.0695**, and **31.9020, 29.1353, 35.1659** is the 20% darker color. If you saturate the color by 10%, you get **73.2110, 33.9130, 42.7880**, and if you desaturate by 10%, it is **91.4410, 24.9256, 32.0622**.

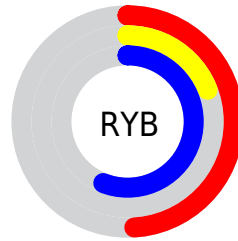
Distribution



Red (49%)

Green (19%)

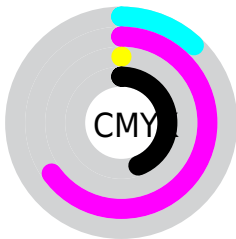
Blue (56%)



Red (49%)

Yellow (19%)

Blue (56%)

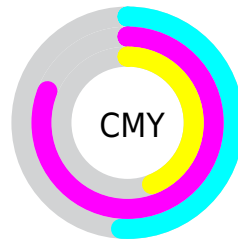


Cyan (12%)

Magenta (65%)

Yellow (0%)

Black (44%)



Cyan (51%)

Magenta (81%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.3260, 29.4193, 37.4251 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 82.3260, 29.4193, 37.4251 by changing the saturation by 10% instead.

82.3260, 29.4193,
37.4251

82.3260, 29.4193,
37.4251

255.0000, 0.0000,
0.0000

54.8530, 30.1455,
37.8399

135.4510, 29.8507,
39.0695

31.9020, 29.1353,
35.1659

162.2770, 30.4294,
40.0991

21.6910, 22.3373,
22.1960

190.4020, 30.8608,
41.7434

11.5940, 15.9762,
9.1261

212.1490, 21.1255,
37.5803

3.0950, 9.3202,
-2.7143

228.5850, 13.0226,
23.1660

0.0000, 0.0000,
0.0000

245.6080, 4.6303,

■ 82.3260, 29.4193,
37.4251

■ 82.3260, 29.4193,
37.4251

■ 73.2110, 33.9130,
42.7880

■ 91.4410, 24.9256,
32.0622

■ 64.3950, 38.2593,
48.7656

■ 100.2570, 20.5793,
26.0846

■ 54.6930, 43.0424,
54.6432

■ 109.9590, 15.7962,
20.2070

■ 50.8720, 44.9261,
57.1173

■ 118.7750, 11.4499,
14.2293

■ 127.8900, 6.9562,
8.8665

■ 137.0050, 2.4625,
3.5036

■ 145.8210, -1.8838,
-2.4740

■ 155.5230, -6.6668,
-8.3517

■ 164.3390,
-11.0131, -14.3293

Harmonies

Analogous

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



75.5820, 47.5341, -32.9594



82.3260, 29.4193, 37.4251



67.2190, 15.1750, 79.6149

Triad

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



82.3260, 29.4193, 37.4251



78.1000, -38.5033, 29.7303



73.7990, 21.2981, -64.7217

Complementary

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



82.3260, 29.4193, 37.4251



108.6740, -29.4193, -37.4251

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.



67.5120, -0.2524, -59.2080



82.3260, 29.4193, 37.4251



73.1620, -36.0689, -4.5271

Square

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



82.3260, 29.4193, 37.4251



74.4660, -36.7117, 61.8583



59.0080, -22.6819, -51.7500



76.5980, 39.6382, -67.1764

Rectangle

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



82.3260, 29.4193, 37.4251



63.0170, 1.4706, 88.5621



59.0080, -22.6819, -51.7500



71.3880, 14.5987, -62.6073

Sweetspot

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



82.3260, 29.4193, 37.4251



160.1880, 11.7393, 14.7441



69.5810, 35.7026, -18.0495



77.8900, 6.9562, 8.8665



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



82.3260, 29.4193, 37.4251



90.8120, 45.9417, 58.0469



84.1030, 14.2462, 50.7757



66.5920, 2.1731, 2.9888



48.2800, 42.7530, 54.1284



2.7060, 2.6099, 2.8888

Inverse Universe

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



78.7450, -6.2833, 55.4746



85.3190, -10.0173, 86.5432



106.8970, -14.2462, -50.7757



66.3210, -0.1583, 4.1035



43.2150, -8.9800, 80.4954



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 82.3260, 29.4193, 37.4251 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 82.3260, 29.4193, 37.4251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

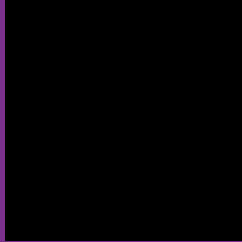
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.3260, 29.4193, 37.4251

Background



This preview shows how black text looks on a background with the YUV color 82.3260, 29.4193, 37.4251.



This preview shows how white text looks on a background with the YUV color 82.3260, 29.4193,

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

82.3260, 29.4193, 37.4251

Protanopia

66.3400, 51.1044, -58.1802

Deuteranopia

79.7620, 27.7253, -26.1013



Tritanopia

84.3240, -4.5967, 27.7799

Trichromacy



Original Color

82.3260, 29.4193, 37.4251

Protanomaly

72.1980, 43.2864, -23.8526

Deuteranomaly

80.4320, 28.3810, -3.0099

Tritanomaly

83.2610, 7.7593, 31.3431

Monochromacy



Original Color

82.3260, 29.4193, 37.4251

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.2480, 10.7237, 13.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.3260, 29.4193, 37.4251 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(125, 49, 142)` looks like.

```
.text, #text, p{  
    color:rgb(125, 49, 142)  
}
```

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(125, 49, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 49, 142) }
```

Border

The CSS property to change the border of an element to YUV 82.3260, 29.4193, 37.4251 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(125, 49, 142) }
```


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

```
.border{ border-color:rgb(125, 49, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 49, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 49, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 49, 142);  
box-shadow:4px 4px 4px 4px rgb(125, 49,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 82.3260, 29.4193, 37.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 49, 142) }
```

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

```
.background{ background-color: rgb(125, 49,  
142) }
```

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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