

Converting Colors

YUV(82.2120, 28.4895,
-37.8969)

Have a look what the booklet for
YUV(82.2120, 28.4895, -37.8969)
contains.

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Color

**YUV(82.2120, 28.4895,
-37.8969)**

Conversions

Conversions Part 1

Format	Color
Hex	275D8C
RGB	39, 93, 140
RGB Percent	15%, 36%, 55%
CMY	0.8471, 0.6353, 0.4510
CMYK	0.72, 0.34, 0.00, 0.45
HSL	208°, 56%, 35%
HSV	208°, 72%, 55%
XYZ	9.4847, 10.1535, 26.2709
YIQ	82.2120, -47.2710, 3.1690

Conversions

Conversions Part 2

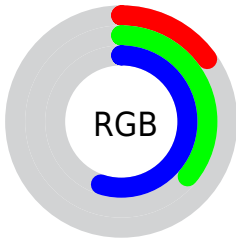
Format	Color
R _Y B	39, 74, 140
Decimal	2579852
CIE Lab	38.12, -1.34, -31.20
CIE LCh	38, 31.234, 267.533
Yxy	10.1535, 0.2066, 0.2212
Android (android.graphics.Color)	4280769932 (0xFF275D8C)
YUV	82.2120, 28.4895, -37.8969
Hunter-Lab	31.8645, -2.6313, -26.5767

Details

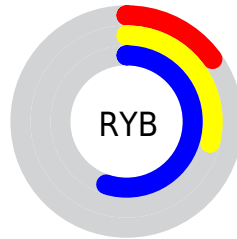
The YUV color **82.2120, 28.4895, -37.8969** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **96.7880, -28.4895, 37.8969**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0600, 29.0574, -33.3786**, and **38.4360, 25.4211, -33.7084** is the 20% darker color. If you saturate the color by 10%, you get **73.9170, 32.5789, -42.9002**, and if you desaturate by 10%, it is **90.5070, 24.4000, -32.8936**.

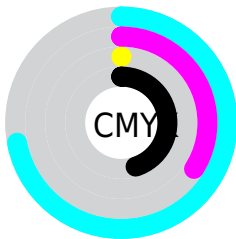
Distribution



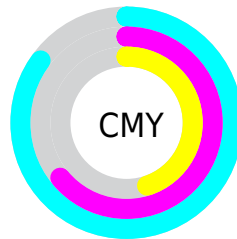
- Red (15%)
- Green (36%)
- Blue (55%)



- Red (15%)
- Yellow (29%)
- Blue (55%)



- Cyan (72%)
- Magenta (34%)
- Yellow (0%)
- Black (45%)



- Cyan (85%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.2120, 28.4895, -37.8969 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 82.2120, 28.4895, -37.8969 by changing the saturation by 10% instead.

■ 82.2120, 28.4895,
-37.8969

■ 82.2120, 28.4895,
-37.8969

■ 255.0000, 0.0000,
0.0000

■ 54.0860, 29.5376,
-47.4334

■ 135.0600, 29.0574,
-33.3786

■ 38.4360, 25.4211,
-33.7084

■ 161.8860, 29.6362,
-32.3490

■ 23.3730, 21.0151,
-20.4981

■ 190.0000, 30.0730,
-32.4490

■ 6.6630, 17.9141,
-5.8435

■ 215.2640, 19.5898,
-30.0495

■ 3.0950, 9.3202,
-2.7143

■ 240.3710, 7.2121,
-26.6354

■ 0.0000, 0.0000,
0.0000

■ 250.2160, 2.3585,

-9.8364

■ 82.2120, 28.4895,
-37.8969

■ 82.2120, 28.4895,
-37.8969

■ 73.9170, 32.5789,
-42.9002

■ 90.5070, 24.4000,
-32.8936

■ 66.2090, 36.3790,
-48.4183

■ 98.2150, 20.6000,
-27.3756

■ 59.9850, 39.4474,
-52.6068

■ 106.5100, 16.5106,
-22.3723

■ 114.2180, 12.7105,
-16.8542

■ 122.5130, 8.6211,
-11.8509

■ 130.2210, 4.8210,
-6.3328

■ 138.5160, 0.7316,
-1.3295

■ 146.2240, -3.0684,
4.1886

■ 154.5190, -7.1579,
9.1918

Harmonies

Analogous

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



73.1610, 29.0076, -64.1622



82.2120, 28.4895, -37.8969



91.0100, 21.6871, -2.6398

Triad

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



82.2120, 28.4895, -37.8969



90.3920, -11.0393, 40.8752



80.7180, -9.2280, -26.9397

Complementary

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



82.2120, 28.4895, -37.8969



96.7880, -28.4895, 37.8969

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.



84.8860, -20.6498, -3.4080



82.2120, 28.4895, -37.8969



88.9320, -20.1795, 32.5086

Square

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



82.2120, 28.4895, -37.8969



91.4700, 0.7543, 38.1758



87.9810, -24.6406, 16.6797



69.7920, 8.4835, -61.2076

Rectangle

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



82.2120, 28.4895, -37.8969



92.2250, 15.6651, 15.5887



87.9810, -24.6406, 16.6797



82.5080, -14.0544, -18.8625

Sweetspot

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



82.2120, 28.4895, -37.8969



158.4740, 11.1053, -15.3247



103.4170, -9.5726, -56.4937



78.3670, 6.7211, -9.0919



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.



82.2120, 28.4895, -37.8969



91.2060, 44.2684, -58.9397



53.4490, 42.6696, -12.6718



65.1460, 1.9000, -2.7590



56.8390, 37.5474, -49.8478



2.3310, 1.3158, -2.0443

Inverse Universe

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



75.3550, 8.6990, 56.6937



80.5190, 13.5481, 88.1218



125.5510, -42.6696, 12.6718



64.5490, 0.7153, 3.9035



47.8610, 11.4075, 74.6669



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 82.2120, 28.4895, -37.8969 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 × Fail

Black Background



This preview shows how the YUV color 82.2120, 28.4895, -37.8969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

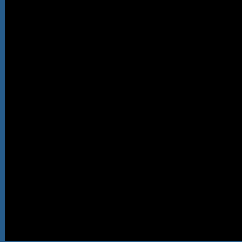
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.2120, 28.4895, -37.8969

Background



This preview shows how black text looks on a background with the YUV color 82.2120, 28.4895, -37.8969.

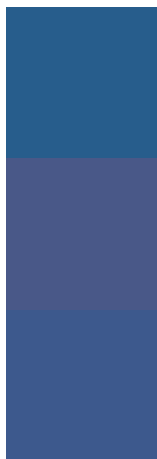


This preview shows how white text looks on a background with the YUV color 82.2120, 28.4895,

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

82.2120, 28.4895, -37.8969

Protanopia

88.9870, 23.1774, -14.0206

Deuteranopia

86.5560, 26.8409, -22.4126



Tritanopia

70.3110, 18.0877, -61.6627

Trichromacy



Original Color

82.2120, 28.4895, -37.8969

Protanomaly

86.6870, 24.8043, -22.5275

Deuteranomaly

84.7510, 27.7308, -27.8456

Tritanomaly

74.6910, 21.8443, -53.2260

Monochromacy



Original Color

82.2120, 28.4895, -37.8969

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9580, 10.3737, -13.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.2120, 28.4895, -37.8969 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(39, 93, 140)` looks like.

```
.text, #text, p{  
    color:rgb(39, 93, 140)  
}
```

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(39, 93, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 93, 140) }
```

Border

The CSS property to change the border of an element to YUV 82.2120, 28.4895, -37.8969 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(39, 93, 140) }
```


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

```
.border{ border-color:rgb(39, 93, 140) }
```

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

Here you see how a box with a 4 pixel rgb(39, 93, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 93, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 93, 140);  
box-shadow:4px 4px 4px 4px rgb(39, 93,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 82.2120, 28.4895, -37.8969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 93, 140) }
```

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

```
.background{ background-color: rgb(39, 93,  
140) }
```

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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