

Converting Colors

YUV(82.6420, 9.5435, -27.7500)

Have a look what the booklet for
YUV(82.6420, 9.5435, -27.7500)
contains.

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Color

**YUV(82.6420, 9.5435,
-27.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	335F66
RGB	51, 95, 102
RGB Percent	20%, 37%, 40%
CMY	0.8000, 0.6275, 0.6000
CMYK	0.50, 0.07, 0.00, 0.60
HSL	188°, 33%, 30%
HSV	188°, 50%, 40%
XYZ	7.8557, 9.8475, 14.0571
YIQ	82.6420, -28.4710, -7.1510

Conversions

Conversions Part 2

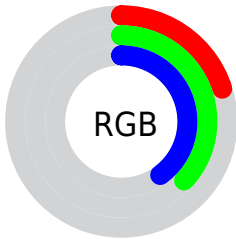
Format	Color
RYB	51, 75, 102
Decimal	3366758
CIELab	37.57, -13.10, -8.72
CIElCh	38, 15.737, 213.671
Yxy	9.8475, 0.2473, 0.3101
Android (android.graphics.Color)	4281556838 (0xFF335F66)
YUV	82.6420, 9.5435, -27.7500
Hunter-Lab	31.3808, -10.2315, -4.5925

Details

The YUV color **82.6420, 9.5435, -27.7500** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **70.3580, -9.5435, 27.7500**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3430, 9.6909, -28.3648**, and **35.0330, 9.8437, -30.7239** is the 20% darker color. If you saturate the color by 10%, you get **79.0650, 11.3070, -33.3830**, and if you desaturate by 10%, it is **86.2190, 7.7800, -22.1171**.

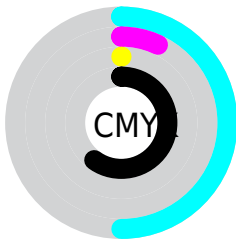
Distribution



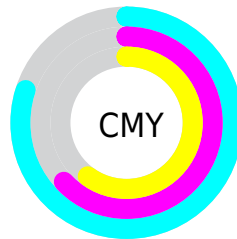
- Red (20%)
- Green (37%)
- Blue (40%)



- Red (20%)
- Yellow (29%)
- Blue (40%)



- Cyan (50%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.6420, 9.5435, -27.7500 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 82.6420, 9.5435, -27.7500 by changing the saturation by 10% instead.

82.6420, 9.5435,
-27.7500

82.6420, 9.5435,
-27.7500

255.0000, 0.0000,
0.0000

58.0440, 9.8383,
-28.9796

133.3430, 9.6909,
-28.3648

35.0330, 9.8437,
-30.7239

159.4570, 10.1277,
-28.4648

20.3120, 6.7482,
-17.8136

187.0440, 9.8383,
-28.9796

1.2540, 4.8048,
-1.0998

214.7450, 9.9857,
-29.5944

0.0000, 0.0000,
0.0000

241.5450, 6.6333,
-27.6650

249.9170, 2.5059,

-10.4512

■ 82.6420, 9.5435,
-27.7500

■ 82.6420, 9.5435,
-27.7500

■ 79.0650, 11.3070,
-33.3830

■ 86.2190, 7.7800,
-22.1171

■ 74.9010, 13.3598,
-38.5012

■ 90.3830, 5.7272,
-16.9989

■ 71.0250, 15.2707,
-44.7489

■ 94.2590, 3.8163,
-10.7511

■ 66.8610, 17.3235,
-49.8671

■ 98.4230, 1.7635,
-5.6330

■ 63.2840, 19.0870,
-55.5001

■ 102.0000, 0.0000,
0.0000

■ 105.5770, -1.7635,
5.6330

■ 109.7410, -3.8163,
10.7511

■ 113.6170, -5.7272,
16.9989

■ 117.7810, -7.7800,
22.1171

Harmonies

Analogous

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



83.3560, 3.2755, -23.9912



82.6420, 9.5435, -27.7500



84.8860, 12.8742, -22.7020

Triad

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



82.6420, 9.5435, -27.7500



90.6410, 4.6140, 13.4698



87.5420, -12.0992, 7.4177

Complementary

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



82.6420, 9.5435, -27.7500



70.3580, -9.5435, 27.7500

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.



88.8250, -11.2527, 15.9395



82.6420, 9.5435, -27.7500



90.0780, -1.5175, 20.1026

Square

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



82.6420, 9.5435, -27.7500



89.9430, 9.8881, 1.8040



89.5960, -7.1958, 21.4023



86.1600, -9.4459, -3.6483

Rectangle

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



82.6420, 9.5435, -27.7500



86.3430, 13.1419, -15.2098



89.5960, -7.1958, 21.4023



88.1510, -12.3994, 10.3916

Sweetspot

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



82.6420, 9.5435, -27.7500



125.2590, 3.8163, -10.7511



81.7350, -11.7014, -26.9546



61.8250, 2.0583, -6.8625



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



82.6420, 9.5435, -27.7500



102.6230, 14.9759, -43.5194



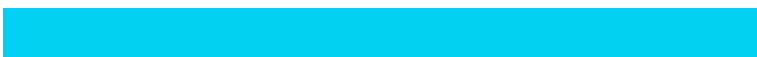
67.9670, 16.7783, -14.8801



48.9180, 1.0264, -2.5591



71.2230, 21.5821, -62.4626



150.2710, 45.2224, -131.7877

Inverse Universe

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



71.2650, 11.7014, 26.9546



84.7860, 18.3465, 42.2837



85.0330, -16.7783, 14.8801



47.9510, 1.0102, 2.6740



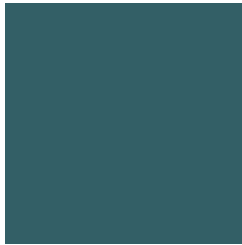
45.6710, 26.2912, 60.8015



96.1840, 55.6183, 127.8806

Previews

White Background



This preview shows how the YUV color 82.6420, 9.5435, -27.7500 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 82.6420, 9.5435, -27.7500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

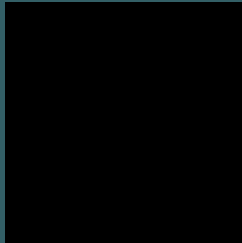
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.6420, 9.5435, -27.7500

Background



This preview shows how black text looks on a background with the YUV color 82.6420, 9.5435, -27.7500.



This preview shows how white text looks on a background with the YUV color 82.6420, 9.5435, -27.7500.

-27.7500.

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

82.6420, 9.5435, -27.7500

Protanopia

88.1400, 4.3680, -0.9998

Deuteranopia

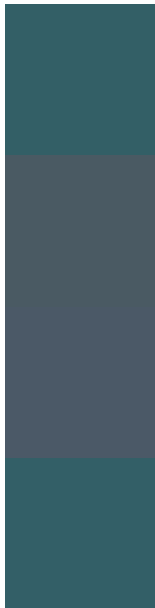
88.9490, 7.4201, 0.0447



Tritanopia

82.7560, 9.9803, -27.8500

Trichromacy



Original Color

82.6420, 9.5435, -27.7500

Protanomaly

86.2420, 6.2897, -10.7362

Deuteranomaly

86.4100, 8.1789, -10.0066

Tritanomaly

82.7560, 9.9803, -27.8500

Monochromacy



Original Color

82.6420, 9.5435, -27.7500

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.5580, 3.6689, -10.1364

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.6420, 9.5435, -27.7500 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(51, 95, 102)` looks like.

```
.text, #text, p{  
    color:rgb(51, 95, 102)  
}
```

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(51, 95, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 95, 102) }
```

Border

The CSS property to change the border of an element to YUV 82.6420, 9.5435, -27.7500 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(51, 95, 102) }
```


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

```
.border{ border-color:rgb(51, 95, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 95, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 95, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 95, 102);  
box-shadow:4px 4px 4px 4px rgb(51, 95,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 82.6420, 9.5435, -27.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 95, 102) }
```

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

```
.background{ background-color: rgb(51, 95,  
102) }
```

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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