

Converting Colors

YUV(68.3920, 28.8937,
-27.5308)

Have a look what the booklet for
YUV(68.3920, 28.8937, -27.5308)
contains.

YUV(68.3920, 28.8937, -27.5308)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(68.3920, 28.8937,
-27.5308)**

Conversions

Conversions Part 1

Format	Color
Hex	25497F
RGB	37, 73, 127
RGB Percent	15%, 29%, 50%
CMY	0.8549, 0.7137, 0.5020
CMYK	0.71, 0.43, 0.00, 0.50
HSL	216°, 55%, 32%
HSV	216°, 71%, 50%
XYZ	6.9763, 6.6907, 21.0024
YIQ	68.3920, -38.7900, 9.1620

Conversions

Conversions Part 2

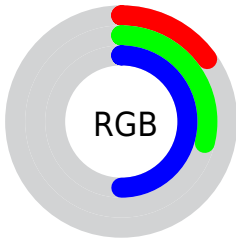
Format	Color
R _Y B	37, 63, 127
Decimal	2443647
CIE Lab	31.09, 6.36, -34.36
CIE LCh	31, 34.949, 280.489
Yxy	6.6907, 0.2012, 0.1930
Android (android.graphics.Color)	4280633727 (0xFF25497F)
YUV	68.3920, 28.8937, -27.5308
Hunter-Lab	25.8664, 2.8759, -30.0345




Details

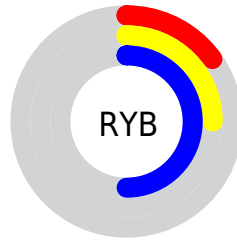
The YUV color **68.3920, 28.8937, -27.5308** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **95.6080, -28.8937, 27.5308**, and the grayscale version is **68.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **119.3540, 29.8985, -23.1125**, and **26.3880, 24.9517, -23.1423** is the 20% darker color. If you saturate the color by 10%, you get **59.8090, 33.1252, -31.4045**, and if you desaturate by 10%, it is **76.9750, 24.6623, -23.6571**.

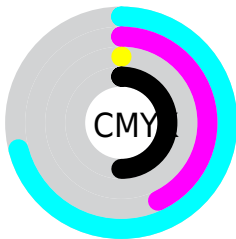
Distribution







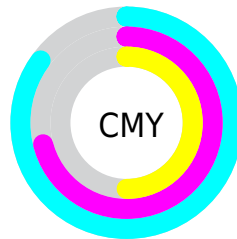
-  Red (15%)
-  Green (29%)
-  Blue (50%)






-  Red (15%)
-  Yellow (25%)
-  Blue (50%)



-  Cyan (71%)
-  Magenta (43%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (85%)
-  Magenta (71%)
-  Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.3920, 28.8937, -27.5308 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 68.3920, 28.8937, -27.5308 by changing the saturation by 10% instead.

■ 68.3920, 28.8937,
-27.5308

■ 68.3920, 28.8937,
-27.5308

■ 255.0000, 0.0000,
0.0000

■ 41.5650, 29.7945,
-36.4525

■ 119.3540, 29.8985,
-23.1125

■ 26.3880, 24.9517,
-23.1423

■ 145.8810, 30.6247,
-22.6976

■ 8.5040, 22.4295,
-7.4580

■ 172.7070, 31.2034,
-21.6680

■ 4.8220, 13.3988,
-4.2289

■ 199.3820, 27.4197,
-21.3830

■ 0.4560, 1.7472,
-0.3999

■ 224.4890, 15.0419,
-17.9689

■ 0.0000, 0.0000,
0.0000

■ 248.4220, 3.2430,

-13.5251

■ 68.3920, 28.8937,
-27.5308

■ 68.3920, 28.8937,
-27.5308

■ 59.8090, 33.1252,
-31.4045

■ 76.9750, 24.6623,
-23.6571

■ 52.1120, 36.9198,
-35.1782

■ 84.6720, 20.8677,
-19.8833

■ 44.4150, 40.7144,
-38.9520

■ 93.2550, 16.6363,
-16.0096

■ 101.2510, 12.6943,
-11.6211

■ 109.8340, 8.4628,
-7.7474

■ 118.1180, 4.3788,
-4.4885

■ 126.1140, 0.4368,
-0.1000

■ 134.6970, -3.7946,
3.7737

■ 142.9810, -7.8786,
7.0327

Harmonies

Analogous

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



61.6830, 30.7223, -54.0960



68.3920, 28.8937, -27.5308



75.5170, 19.4651, 10.0706

Triad

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



68.3920, 28.8937, -27.5308



71.4260, -15.9860, 40.8454



56.0510, -1.0111, -49.1567

Complementary

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



68.3920, 28.8937, -27.5308



95.6080, -28.8937, 27.5308

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.



65.5040, -17.9965, -14.4740



68.3920, 28.8937, -27.5308



70.8190, -25.5468, 27.3457

Square

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



68.3920, 28.8937, -27.5308



72.3630, -3.6300, 44.4086



69.2420, -27.2343, 8.5578



59.8300, 10.9298, -52.4709

Rectangle

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



68.3920, 28.8937, -27.5308



75.2050, 12.7169, 27.8842



69.2420, -27.2343, 8.5578



59.8200, -7.3063, -36.6761

Sweetspot

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



68.3920, 28.8937, -27.5308



143.2080, 11.2365, -10.7064



95.9860, -2.4581, -51.7307



70.6770, 6.5682, -6.7327



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



68.3920, 28.8937, -27.5308



73.9460, 45.3826, -42.9256



49.9510, 37.9852, -3.4650



59.5590, 2.1894, -2.2442



44.5290, 41.1512, -39.0519



0.0000, 0.0000, 0.0000

Inverse Universe

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



68.0140, 2.4581, 51.7307



73.5430, 3.6763, 81.0848



114.0490, -37.9852, 3.4650



59.4350, 0.2785, 4.0035



44.0860, 3.4086, 73.5926



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 68.3920, 28.8937, -27.5308 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 68.3920, 28.8937, -27.5308 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 68.3920, 28.8937, -27.5308

Background



This preview shows how black text looks on a background with the YUV color 68.3920, 28.8937, -27.5308.



This preview shows how white text looks on a background with the YUV color 68.3920, 28.8937,

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

68.3920, 28.8937, -27.5308

Protanopia

70.5780, 26.8300, -18.9239

Deuteranopia

66.8860, 29.6362, -32.3490



Tritanopia

57.5790, 14.9976, -50.4968

Trichromacy



Original Color

68.3920, 28.8937, -27.5308

Protanomaly

70.0830, 27.5671, -21.9978

Deuteranomaly

67.7830, 29.1940, -30.5047

Tritanomaly

61.3010, 20.0646, -42.3600

Monochromacy



Original Color

68.3920, 28.8937, -27.5308

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.2790, 10.2155, -9.8917

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.3920, 28.8937, -27.5308 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(37, 73, 127)` looks like.

```
.text, #text, p{  
    color:rgb(37, 73, 127)  
}
```

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(37, 73, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 73, 127) }
```

Border

The CSS property to change the border of an element to YUV 68.3920, 28.8937, -27.5308 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(37, 73, 127) }
```


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

```
.border{ border-color:rgb(37, 73, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 73, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 73, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 73, 127);  
box-shadow:4px 4px 4px 4px rgb(37, 73,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 68.3920, 28.8937, -27.5308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 73, 127) }
```

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

```
.background{ background-color: rgb(37, 73,  
127) }
```

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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