

Converting Colors

YUV(61.8510, 39.5135,
-27.0563)

Have a look what the booklet for
YUV(61.8510, 39.5135, -27.0563)
contains.

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Color

**YUV(61.8510, 39.5135,
-27.0563)**

Conversions

Conversions Part 1

Format	Color
Hex	1F3E8E
RGB	31, 62, 142
RGB Percent	12%, 24%, 56%
CMY	0.8784, 0.7569, 0.4431
CMYK	0.78, 0.56, 0.00, 0.44
HSL	223°, 64%, 34%
HSV	223°, 78%, 56%
XYZ	7.1702, 5.6895, 26.3115
YIQ	61.8510, -44.1560, 18.3080

Conversions

Conversions Part 2

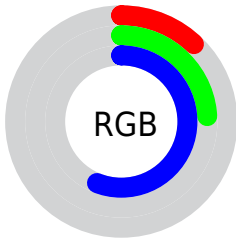
Format	Color
R _Y B	31, 55, 142
Decimal	2047630
CIE Lab	28.62, 18.96, -47.65
CIE LCh	29, 51.284, 291.698
Yxy	5.6895, 0.1830, 0.1452
Android (android.graphics.Color)	4280237710 (0xFF1F3E8E)
YUV	61.8510, 39.5135, -27.0563
Hunter-Lab	23.8528, 11.9150, -48.7045

Details

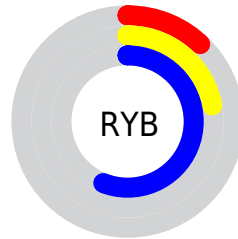
The YUV color **61.8510, 39.5135, -27.0563** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **111.1490, -39.5135, 27.0563**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.1340, 40.3599, -18.5345**, and **22.7010, 33.6714, -19.9088** is the 20% darker color. If you saturate the color by 10%, you get **51.7950, 44.4711, -30.5152**, and if you desaturate by 10%, it is **71.9070, 34.5558, -23.5974**.

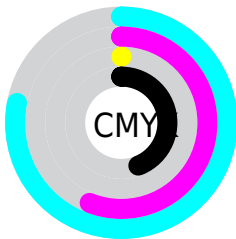
Distribution



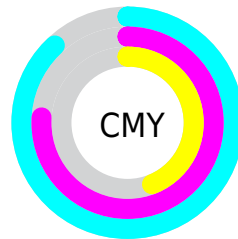
- Red (12%)
- Green (24%)
- Blue (56%)



- Red (12%)
- Yellow (22%)
- Blue (56%)



- Cyan (78%)
- Magenta (56%)
- Yellow (0%)
- Black (44%)



- Cyan (88%)
- Magenta (76%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.8510, 39.5135, -27.0563 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 61.8510, 39.5135, -27.0563 by changing the saturation by 10% instead.

■ 61.8510, 39.5135,
-27.0563

■ 61.8510, 39.5135,
-27.0563

■ 255.0000, 0.0000,
0.0000

■ 37.2910, 38.8035,
-32.7042

■ 114.1340, 40.3599,
-18.5345

■ 22.7010, 33.6714,
-19.9088

■ 140.4870, 41.6649,
-17.0901

■ 7.6380, 29.2655,
-6.6985

■ 167.7260, 42.5331,
-15.5457

■ 6.7770, 18.3509,
-5.9434

■ 192.0610, 31.0289,
-12.3315

■ 3.0950, 9.3202,
-2.7143

■ 217.1680, 18.6512,
-8.9173

■ 0.0000, 0.0000,
0.0000

■ 242.2750, 6.2734,

-5.5032

■ 61.8510, 39.5135,
-27.0563

■ 61.8510, 39.5135,
-27.0563

■ 51.7950, 44.4711,
-30.5152

■ 71.9070, 34.5558,
-23.5974

■ 41.7390, 49.4287,
-33.9741

■ 81.9630, 29.5982,
-20.1386

■ 39.6680, 50.4497,
-34.7888

■ 92.9050, 24.2038,
-16.5797

■ 102.9610, 19.2462,
-13.1208

■ 113.0170, 14.2886,
-9.6619

■ 123.0730, 9.3310,
-6.2030

■ 133.7160, 4.0840,
-3.2589

■ 144.0710, -1.0210,
0.8147

■ 154.1270, -5.9786,
4.2736

Harmonies

Analogous

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



61.3700, 42.2156, -53.8215



61.8510, 39.5135, -27.0563



67.6150, 24.3468, 31.0326

Triad

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



61.8510, 39.5135, -27.0563



61.1210, -30.1327, 51.6369



55.5780, -0.2850, -48.7419

Complementary

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



61.8510, 39.5135, -27.0563



111.1490, -39.5135, 27.0563

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.



48.6870, -19.0727, -42.6985



61.8510, 39.5135, -27.0563



64.2010, -31.6511, 25.2567

Square

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



61.8510, 39.5135, -27.0563



55.3060, -7.0529, 69.0146



60.4810, -29.8171, -3.0528



60.2520, 17.6238, -52.8410

Rectangle

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



61.8510, 39.5135, -27.0563



60.5920, 15.9771, 55.6088



60.4810, -29.8171, -3.0528



53.3950, -6.1107, -46.8274

Sweetspot

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



61.8510, 39.5135, -27.0563



152.9460, 15.3096, -10.4766



105.2770, 2.8214, -65.1409



73.0730, 9.3310, -6.2030



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.



61.8510, 39.5135, -27.0563



58.8980, 61.6753, -42.0065



50.8300, 44.9468, 3.6571



65.9720, 2.4788, -1.7294



37.6960, 47.9709, -33.0594



2.0860, 2.9156, -1.8294

Inverse Universe

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



67.7230, -2.8214, 65.1409



68.1990, -4.5351, 101.5575



122.1700, -44.9468, -3.6571



66.3210, -0.1583, 4.1035



44.6970, -3.3016, 79.1957



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 61.8510, 39.5135, -27.0563 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 61.8510, 39.5135, -27.0563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

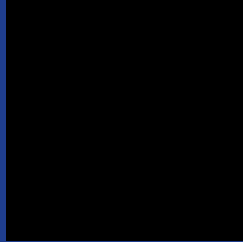
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.8510, 39.5135, -27.0563

Background



This preview shows how black text looks on a background with the YUV color 61.8510, 39.5135, -27.0563.



This preview shows how white text looks on a background with the YUV color 61.8510, 39.5135,

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

61.8510, 39.5135, -27.0563

Protanopia

53.8870, 41.4677, -47.2589

Deuteranopia

54.0690, 32.0110, -47.4185



Tritanopia

53.1450, 13.2395, -46.6082

Trichromacy



Original Color

61.8510, 39.5135, -27.0563

Protanomaly

56.7030, 40.5724, -40.0815

Deuteranomaly

56.5090, 34.7521, -39.9114

Tritanomaly

56.1210, 23.1113, -39.5711

Monochromacy



Original Color

61.8510, 39.5135, -27.0563

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0170, 14.2886, -9.6619

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.8510, 39.5135, -27.0563 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(31, 62, 142)` looks like.

```
.text, #text, p{  
    color:rgb(31, 62, 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(31, 62, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 62, 142) }
```

Border

The CSS property to change the border of an element to YUV 61.8510, 39.5135, -27.0563 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(31, 62, 142) }
```


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

```
.border{ border-color:rgb(31, 62, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 62, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 62, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 62, 142);  
box-shadow:4px 4px 4px 4px rgb(31, 62,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 61.8510, 39.5135, -27.0563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 62, 142) }
```

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

```
.background{ background-color: rgb(31, 62,  
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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