

Converting Colors

YUV(69.5070, 27.8510,
-19.7386)

Have a look what the booklet for
YUV(69.5070, 27.8510, -19.7386)
contains.

YUV(69.5070, 27.8510, -19.7386)	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(69.5070, 27.8510,
-19.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	2F467E
RGB	47, 70, 126
RGB Percent	18%, 27%, 49%
CMY	0.8157, 0.7255, 0.5059
CMYK	0.63, 0.44, 0.00, 0.51
HSL	223°, 46%, 34%
HSV	223°, 63%, 49%
XYZ	7.1283, 6.4910, 20.6158
YIQ	69.5070, -31.6840, 12.5400

Conversions

Conversions Part 2

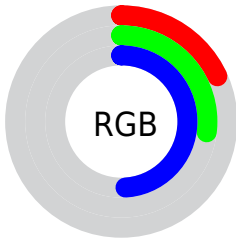
Format	Color
R_{YB}	47, 65, 126
Decimal	3098238
CIE _{Lab}	30.62, 9.91, -34.47
CIE _{LCh}	31, 35.864, 286.045
Yxy	6.4910, 0.2082, 0.1896
Android (android.graphics.Color)	4281288318 (0xFF2F467E)
YUV	69.5070, 27.8510, -19.7386
Hunter-Lab	25.4775, 5.3570, -30.1420




Details

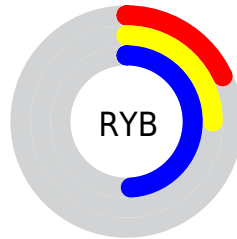
The YUV color **69.5070, 27.8510, -19.7386** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **103.4930, -27.8510, 19.7386**, and the grayscale version is **69.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **119.8710, 29.1506, -16.5499**, and **25.1000, 25.0937, -22.0127** is the 20% darker color. If you saturate the color by 10%, you get **60.3370, 32.3719, -23.0975**, and if you desaturate by 10%, it is **78.6770, 23.3302, -16.3797**.

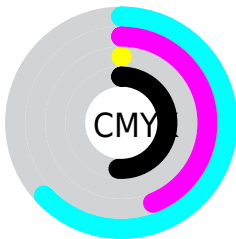
Distribution







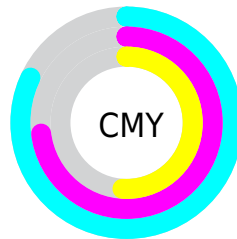
-  Red (18%)
-  Green (27%)
-  Blue (49%)






-  Red (18%)
-  Yellow (25%)
-  Blue (49%)



-  Cyan (63%)
-  Magenta (44%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (82%)
-  Magenta (73%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.5070, 27.8510, -19.7386 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 69.5070, 27.8510, -19.7386 by changing the saturation by 10% instead.

■ 69.5070, 27.8510,
-19.7386

■ 69.5070, 27.8510,
-19.7386

■ 255.0000, 0.0000,
0.0000

■ 44.1750, 28.0147,
-25.5865

■ 119.8710, 29.1506,
-16.5499

■ 25.1000, 25.0937,
-22.0127

■ 145.5120, 30.3136,
-16.2350

■ 6.0420, 23.1503,
-5.2988

■ 172.9250, 30.6030,
-15.7202

■ 4.7080, 12.9620,
-4.1289

■ 199.1270, 27.5454,
-15.0204

■ 0.3420, 1.3104,
-0.2999

■ 224.2340, 15.1676,
-11.6062

■ 0.0000, 0.0000,
0.0000

■ 249.9280, 2.5005,

-8.7069

■ 69.5070, 27.8510,
-19.7386

■ 69.5070, 27.8510,
-19.7386

■ 60.3370, 32.3719,
-23.0975

■ 78.6770, 23.3302,
-16.3797

■ 51.4660, 36.7453,
-25.8417

■ 87.5480, 18.9568,
-13.6356

■ 42.2960, 41.2661,
-29.2006

■ 96.7180, 14.4360,
-10.2767

■ 36.0830, 44.3291,
-31.6448

■ 105.5890, 10.0626,
-7.5326

■ 114.7590, 5.5418,
-4.1736

■ 123.9290, 1.0210,
-0.8147

■ 132.8000, -3.3524,
1.9294

■ 141.3830, -7.5838,
5.8031

■ 150.2540,
-11.9572, 8.5472

Harmonies

Analogous

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



60.7370, 32.1747, -53.2663



69.5070, 27.8510, -19.7386



74.5070, 17.9910, 16.2184

Triad

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



69.5070, 27.8510, -19.7386



70.4320, -18.4540, 39.0861



56.5070, 0.7360, -49.5566

Complementary

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



69.5070, 27.8510, -19.7386



103.4930, -27.8510, 19.7386

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.



63.0410, -15.7962, -20.2070



69.5070, 27.8510, -19.7386



69.3410, -27.2831, 24.2569

Square

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



69.5070, 27.8510, -19.7386



70.3910, -6.1088, 46.1381



66.9210, -27.0761, 4.4543



59.8130, 13.4032, -52.4560

Rectangle

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



69.5070, 27.8510, -19.7386



73.6570, 10.5221, 31.8728



66.9210, -27.0761, 4.4543



54.7800, -3.3425, -48.0421

Sweetspot

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



69.5070, 27.8510, -19.7386



140.8170, 10.9362, -7.7325



99.6430, 1.1620, -46.1679



68.1010, 6.8522, -4.4736



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



69.5070, 27.8510, -19.7386



75.4530, 43.1607, -30.2153



60.7900, 32.1485, 1.9382



58.9720, 2.4788, -1.7294



36.3110, 45.2027, -31.8447



0.0000, 0.0000, 0.0000

Inverse Universe

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



73.2430, -1.5988, 46.2679



81.4680, -2.6957, 71.5036



112.2100, -32.1485, -1.9382



59.3210, -0.1583, 4.1035



42.4900, -2.7066, 74.9923



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 69.5070, 27.8510, -19.7386 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 69.5070, 27.8510, -19.7386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

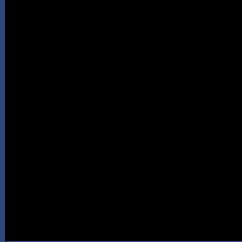
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.5070, 27.8510, -19.7386

Background



This preview shows how black text looks on a background with the YUV color 69.5070, 27.8510, -19.7386.



This preview shows how white text looks on a background with the YUV color 69.5070, 27.8510,

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

69.5070, 27.8510, -19.7386

Protanopia

69.2080, 27.9985, -20.3534

Deuteranopia

65.4730, 29.3468, -32.8638



Tritanopia

63.8370, 10.4334, -33.1830

Trichromacy



Original Color

69.5070, 27.8510, -19.7386

Protanomaly

69.2080, 27.9985, -20.3534

Deuteranomaly

66.9790, 28.6044, -28.0456

Tritanomaly

66.1780, 16.6742, -28.2201

Monochromacy



Original Color

69.5070, 27.8510, -19.7386

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8880, 9.9152, -6.9178

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5070, 27.8510, -19.7386 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(47, 70, 126)` looks like.

```
.text, #text, p{  
    color:rgb(47, 70, 126)  
}
```

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(47, 70, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 70, 126) }
```

Border

The CSS property to change the border of an element to YUV 69.5070, 27.8510, -19.7386 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(47, 70, 126) }
```


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

```
.border{ border-color:rgb(47, 70, 126) }
```

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

Here you see how a box with a 4 pixel rgb(47, 70, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 70, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 70, 126);  
box-shadow:4px 4px 4px 4px rgb(47, 70,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 69.5070, 27.8510, -19.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 70, 126) }
```

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

```
.background{ background-color: rgb(47, 70,  
126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor