

Converting Colors

YUV(69.3460, 18.5634,
-27.4904)

Have a look what the booklet for
YUV(69.3460, 18.5634, -27.4904)
contains.

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Color

**YUV(69.3460, 18.5634,
-27.4904)**

Conversions

Conversions Part 1

Format	Color
Hex	264E6B
RGB	38, 78, 107
RGB Percent	15%, 31%, 42%
CMY	0.8510, 0.6941, 0.5804
CMYK	0.64, 0.27, 0.00, 0.58
HSL	205°, 48%, 28%
HSV	205°, 64%, 42%
XYZ	6.1776, 6.9224, 14.9205
YIQ	69.3460, -33.1490, 0.5390

Conversions

Conversions Part 2

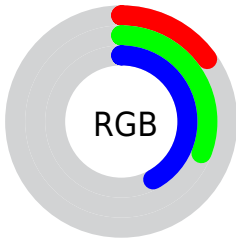
Format	Color
RYB	38, 63, 107
Decimal	2510443
CIELab	31.63, -4.27, -20.99
CIElCh	32, 21.421, 258.505
Yxy	6.9224, 0.2205, 0.2470
Android (android.graphics.Color)	4280700523 (0xFF264E6B)
YUV	69.3460, 18.5634, -27.4904
Hunter-Lab	26.3104, -4.1323, -15.2057

Details

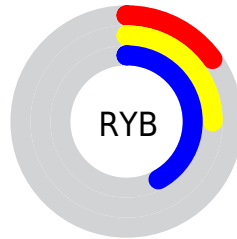
The YUV color **69.3460, 18.5634, -27.4904** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **75.6540, -18.5634, 27.4904**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.5850, 19.4316, -25.9460**, and **26.6840, 15.9318, -23.4019** is the 20% darker color. If you saturate the color by 10%, you get **63.7090, 21.3425, -32.1938**, and if you desaturate by 10%, it is **74.9830, 15.7844, -22.7871**.

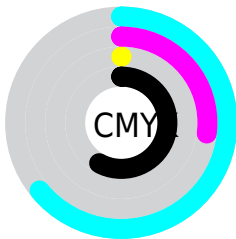
Distribution



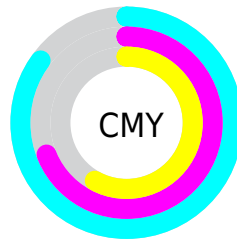
- Red (15%)
- Green (31%)
- Blue (42%)



- Red (15%)
- Yellow (25%)
- Blue (42%)



- Cyan (64%)
- Magenta (27%)
- Yellow (0%)
- Black (58%)



- Cyan (85%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.3460, 18.5634, -27.4904 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 69.3460, 18.5634, -27.4904 by changing the saturation by 10% instead.

■ 69.3460, 18.5634,
-27.4904

■ 69.3460, 18.5634,
-27.4904

■ 255.0000, 0.0000,
0.0000

■ 43.2420, 19.6007,
-33.5382

■ 119.5850, 19.4316,
-25.9460

■ 26.6840, 15.9318,
-23.4019

■ 145.6990, 19.8684,
-26.0460

■ 10.7890, 13.4150,
-9.4620

■ 172.6990, 19.8684,
-26.0460

■ 2.2970, 6.2626,
-2.0145

■ 199.9270, 20.7420,
-26.2460

■ 0.0000, 0.0000,
0.0000

■ 226.2170, 14.1900,
-24.7463

■ 246.6280, 4.1274,

-17.2138

■ 69.3460, 18.5634,
-27.4904

■ 69.3460, 18.5634,
-27.4904

■ 63.7090, 21.3425,
-32.1938

■ 74.9830, 15.7844,
-22.7871

■ 57.7840, 24.2635,
-35.7676

■ 80.9080, 12.8634,
-19.2133

■ 52.1470, 27.0425,
-40.4709

■ 86.5450, 10.0843,
-14.5100

■ 48.5920, 28.7951,
-42.6152

■ 92.7690, 7.0159,
-10.3214

■ 98.4060, 4.2368,
-5.6181

■ 104.3310, 1.3158,
-2.0443

■ 109.9680, -1.4632,
2.6591

■ 116.1920, -4.5317,
6.8476

■ 121.5300, -7.1633,
10.9362

Harmonies

Analogous

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



60.9150, 18.7759, -49.0375



69.3460, 18.5634, -27.4904



74.3810, 15.5882, -6.4731

Triad

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



69.3460, 18.5634, -27.4904



75.7970, -5.3229, 27.3650



70.2190, -8.9820, -12.4701

Complementary

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



69.3460, 18.5634, -27.4904



75.6540, -18.5634, 27.4904

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.



72.4120, -14.9931, 2.2697



69.3460, 18.5634, -27.4904



74.6520, -12.1534, 24.8612

Square

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



69.3460, 18.5634, -27.4904



76.5390, 2.6923, 23.2063



73.5600, -16.0521, 15.2949



66.5250, 0.2342, -28.5244

Rectangle

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



69.3460, 18.5634, -27.4904



76.2470, 12.2032, 5.9224



73.5600, -16.0521, 15.2949



71.2690, -11.4716, -7.2519

Sweetspot

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



69.3460, 18.5634, -27.4904



125.7690, 7.0159, -10.3214



81.8090, -7.3008, -38.4205



62.1070, 4.3842, -6.2328



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



69.3460, 18.5634, -27.4904



81.2930, 28.9426, -43.2300



49.3880, 28.4027, -9.9873



50.4450, 1.7526, -2.1443



53.2540, 31.4268, -46.7038



111.2840, 65.9220, -97.5961

Inverse Universe

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



63.1910, 7.3008, 38.4205



71.4740, 11.5983, 60.0973



95.6120, -28.4027, 9.9873



50.1360, 0.4260, 3.3887



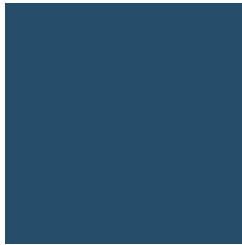
42.7350, 12.4556, 65.1304



89.4430, 25.9106, 136.4235

Previews

White Background



This preview shows how the YUV color 69.3460, 18.5634, -27.4904 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 69.3460, 18.5634, -27.4904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

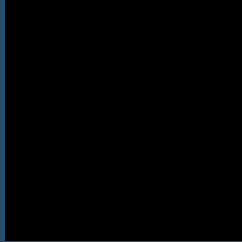
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.3460, 18.5634, -27.4904

Background



This preview shows how black text looks on a background with the YUV color 69.3460, 18.5634, -27.4904.



This preview shows how white text looks on a background with the YUV color 69.3460, 18.5634,

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

69.3460, 18.5634, -27.4904

Protanopia

74.0280, 14.2832, -7.9176

Deuteranopia

73.6900, 16.9148, -12.0061



Tritanopia

66.5380, 10.5808, -33.7978

Trichromacy



Original Color

69.3460, 18.5634, -27.4904

Protanomaly

72.3260, 15.6153, -15.1949

Deuteranomaly

71.8850, 17.8047, -17.4391

Tritanomaly

67.9450, 13.3381, -31.5238

Monochromacy



Original Color

69.3460, 18.5634, -27.4904

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0680, 6.8685, -9.7066

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.3460, 18.5634, -27.4904 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(38, 78, 107)` looks like.

```
.text, #text, p{  
    color:rgb(38, 78, 107)  
}
```

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(38, 78, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 78, 107) }
```

Border

The CSS property to change the border of an element to YUV 69.3460, 18.5634, -27.4904 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(38, 78, 107) }
```


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

```
.border{ border-color:rgb(38, 78, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 78, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 78, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 78, 107);  
box-shadow:4px 4px 4px 4px rgb(38, 78,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 69.3460, 18.5634, -27.4904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 78, 107) }
```

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

```
.background{ background-color: rgb(38, 78,  
107) }
```

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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