

Converting Colors

YUV(69.1260, 15.7139, -0.1105)

Have a look what the booklet for
YUV(69.1260, 15.7139, -0.1105)
contains.

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Color

**YUV(69.1260, 15.7139,
-0.1105)**

Conversions

Conversions Part 1

Format	Color
Hex	453F65
RGB	69, 63, 101
RGB Percent	27%, 25%, 40%
CMY	0.7294, 0.7529, 0.6039
CMYK	0.32, 0.38, 0.00, 0.60
HSL	249°, 23%, 32%
HSV	249°, 38%, 40%
XYZ	6.5807, 5.7598, 13.0768
YIQ	69.1260, -8.6220, 13.0900

Conversions

Conversions Part 2

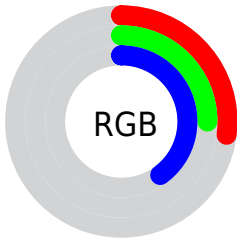
Format	Color
R_{YB}	69, 63, 101
Decimal	4538213
CIE _{Lab}	28.80, 12.22, -21.44
CIE _{LCh}	29, 24.674, 299.677
Yxy	5.7598, 0.2589, 0.2266
Android (android.graphics.Color)	4282728293 (0xFF453F65)
YUV	69.1260, 15.7139, -0.1105
Hunter-Lab	23.9996, 6.9456, -15.5060

Details

The YUV color $69.1260, 15.7139, -0.1105$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $94.8740, -15.7139, 0.1105$, and the grayscale version is $69.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $117.7670, 16.8769, 0.2043$, and $25.3600, 14.1195, -2.0697$ is the 20% darker color. If you saturate the color by 10%, you get $60.5650, 19.9345, -0.4955$, and if you desaturate by 10%, it is $77.6870, 11.4933, 0.2745$.

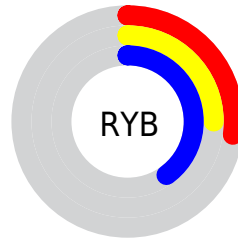
Distribution



Red (27%)

Green (25%)

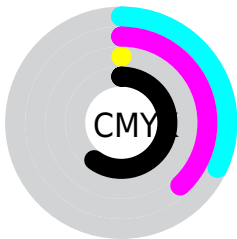
Blue (40%)



Red (27%)

Yellow (25%)

Blue (40%)

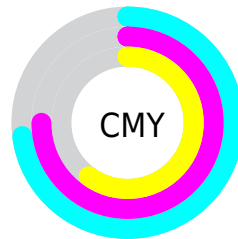


Cyan (32%)

Magenta (38%)

Yellow (0%)

Black (60%)



Cyan (73%)

Magenta (75%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.1260, 15.7139, -0.1105 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 69.1260, 15.7139, -0.1105 by changing the saturation by 10% instead.

■ 69.1260, 15.7139,
-0.1105

■ 69.1260, 15.7139,
-0.1105

■ 255.0000, 0.0000,
0.0000

■ 46.5990, 14.9877,
-0.5253

■ 117.7670, 16.8769,
0.2043

■ 25.3600, 14.1195,
-2.0697

■ 143.2940, 17.6031,
0.6192

■ 3.7620, 14.4143,
-3.2993

■ 169.8210, 18.3292,
1.0340

■ 0.5700, 2.1840,
-0.4999

■ 197.2340, 18.6186,
1.5488

■ 0.0000, 0.0000,
0.0000

■ 224.3220, 15.1243,
2.3486

■ 249.7170, 2.6045,

4.6332

■ 69.1260, 15.7139,
-0.1105

■ 69.1260, 15.7139,
-0.1105

■ 60.5650, 19.9345,
-0.4955

■ 77.6870, 11.4933,
0.2745

■ 52.3030, 24.0076,
-0.2657

■ 85.9490, 7.4201,
0.0447

■ 43.7420, 28.2282,
-0.6507

■ 94.5100, 3.1996,
0.4297

■ 35.4800, 32.3014,
-0.4210

■ 102.7720, -0.8736,
0.2000

■ 26.9190, 36.5219,
-0.8060

■ 111.9200, -5.3836,
0.0702

■ 18.0700, 40.8845,
-0.0614

■ 120.1820, -9.4567,
-0.1596

■ 16.2980, 41.7581,
-0.2613

■ 128.7430,
-13.6773, 0.2254

■ 137.0050,
-17.7505, -0.0044

■ 145.5660,
-21.9710, 0.3806

Harmonies

Analogous

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



63.6390, 20.8840, -25.1164



69.1260, 15.7139, -0.1105



69.9990, 8.3815, 18.4179

Triad

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



69.1260, 15.7139, -0.1105



67.6150, -16.0792, 24.0166



53.4240, 6.6930, -46.8528

Complementary

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



69.1260, 15.7139, -0.1105



94.8740, -15.7139, 0.1105

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.



60.8480, -6.3341, -21.7917



69.1260, 15.7139, -0.1105



66.5550, -18.5146, 11.7913

Square

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



69.1260, 15.7139, -0.1105



68.1950, -8.9701, 30.5240



64.0800, -14.8294, -3.5782



55.0030, 15.2815, -48.2376

Rectangle

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



69.1260, 15.7139, -0.1105



69.5610, 2.6814, 26.6950



64.0800, -14.8294, -3.5782



55.6270, 2.1559, -38.2609

Sweetspot

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



69.1260, 15.7139, -0.1105



118.1940, 5.8204, -0.1701



86.1160, 7.3378, -20.2727



59.2110, 3.3470, -0.1850



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.



69.1260, 15.7139, -0.1105



81.3030, 24.0076, -0.2657



74.8070, 12.9131, 11.5703



46.8690, 2.0366, 0.1149



18.4920, 47.5784, -0.4315



38.9500, 100.1037, -0.8332

Inverse Universe

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



78.0100, 8.3761, 20.1622



94.9280, 12.8535, 30.7581



89.1930, -12.9131, -11.5703



47.9510, 1.0102, 2.6740



45.4430, 25.4176, 61.0015



95.6140, 53.4343, 128.3805

Previews

White Background



This preview shows how the YUV color 69.1260, 15.7139, -0.1105 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 69.1260, 15.7139, -0.1105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

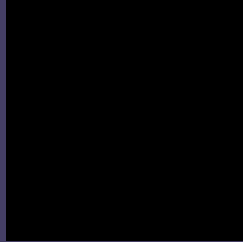
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.1260, 15.7139, -0.1105

Background



This preview shows how black text looks on a background with the YUV color 69.1260, 15.7139, -0.1105.



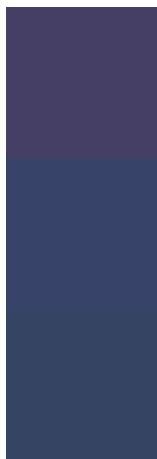
This preview shows how white text looks on a background with the YUV color 69.1260, 15.7139,

-0.1105.

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

69.1260, 15.7139, -0.1105

Protanopia

67.6300, 17.9304, -11.0765

Deuteranopia

67.4620, 16.0412, -11.8062



Tritanopia

67.7760, 3.0684, -4.1886

Trichromacy



Original Color

69.1260, 15.7139, -0.1105

Protanomaly

68.4240, 17.0460, -7.3878

Deuteranomaly

67.7830, 15.8830, -7.7027

Tritanomaly

68.3400, 7.7204, -2.9292

Monochromacy



Original Color

69.1260, 15.7139, -0.1105

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1940, 5.8204, -0.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.1260, 15.7139, -0.1105 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(69, 63, 101)` looks like.

```
.text, #text, p{  
    color:rgb(69, 63, 101)  
}
```

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(69, 63, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 63, 101) }
```

Border

The CSS property to change the border of an element to YUV 69.1260, 15.7139, -0.1105 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(69, 63, 101) }
```


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

```
.border{ border-color:rgb(69, 63, 101) }
```

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

Here you see how a box with a 4 pixel rgb(69, 63, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 63, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 63, 101);  
box-shadow:4px 4px 4px 4px rgb(69, 63,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 69.1260, 15.7139, -0.1105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 63, 101) }
```

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

```
.background{ background-color: rgb(69, 63,  
101) }
```

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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