

Converting Colors

YUV(69.1950, 17.6519,
-15.0800)

Have a look what the booklet for
YUV(69.1950, 17.6519, -15.0800)
contains.

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Color

**YUV(69.1950, 17.6519,
-15.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	344769
RGB	52, 71, 105
RGB Percent	20%, 28%, 41%
CMY	0.7961, 0.7216, 0.5882
CMYK	0.50, 0.32, 0.00, 0.59
HSL	218°, 34%, 31%
HSV	218°, 50%, 41%
XYZ	6.2192, 6.2565, 14.2444
YIQ	69.1950, -22.2380, 6.5460

Conversions

Conversions Part 2

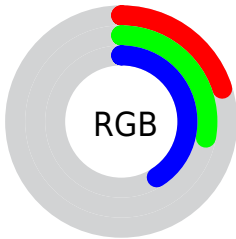
Format	Color
R_{YB}	52, 66, 105
Decimal	3426153
CIE _{Lab}	30.05, 2.99, -22.13
CIE _{LCh}	30, 22.333, 277.690
Yxy	6.2565, 0.2328, 0.2341
Android (android.graphics.Color)	4281616233 (0xFF344769)
YUV	69.1950, 17.6519, -15.0800
Hunter-Lab	25.0129, 0.6096, -16.2556

Details

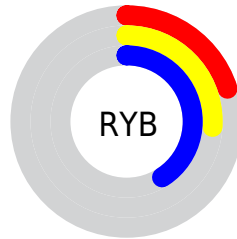
The YUV color **69.1950, 17.6519, -15.0800** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **87.8050, -17.6519, 15.0800**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.1350, 18.6674, -14.1504**, and **23.0480, 17.2313, -20.2131** is the 20% darker color. If you saturate the color by 10%, you get **62.0960, 21.1517, -17.6242**, and if you desaturate by 10%, it is **76.5930, 14.0047, -11.9211**.

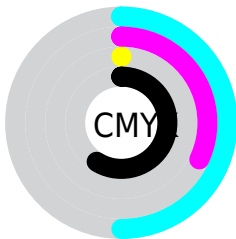
Distribution



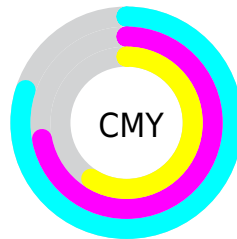
- Red (20%)
- Green (28%)
- Blue (41%)



- Red (20%)
- Yellow (26%)
- Blue (41%)



- Cyan (50%)
- Magenta (32%)
- Yellow (0%)
- Black (59%)



- Cyan (80%)
- Magenta (72%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.1950, 17.6519, -15.0800 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 69.1950, 17.6519, -15.0800 by changing the saturation by 10% instead.

■ 69.1950, 17.6519,
-15.0800

■ 69.1950, 17.6519,
-15.0800

■ 255.0000, 0.0000,
0.0000

■ 46.0700, 17.2205,
-16.7244

■ 118.1350, 18.6674,
-14.1504

■ 23.0480, 17.2313,
-20.2131

■ 144.2490, 19.1042,
-14.2504

■ 4.1040, 15.7247,
-3.5992

■ 170.4770, 19.9778,
-14.4503

■ 1.3680, 5.2416,
-1.1997

■ 198.4770, 19.9778,
-14.4503

■ 0.0000, 0.0000,
0.0000

■ 224.8100, 14.8837,
-13.8654

■ 249.9170, 2.5059,

-10.4512

■ 69.1950, 17.6519,
-15.0800

■ 69.1950, 17.6519,
-15.0800

■ 62.0960, 21.1517,
-17.6242

■ 76.5930, 14.0047,
-11.9211

■ 55.2850, 24.5095,
-21.2979

■ 83.1050, 10.7942,
-8.8621

■ 47.8870, 28.1567,
-24.4569

■ 90.5030, 7.1470,
-5.7031

■ 40.7880, 31.6565,
-27.0011

■ 97.6020, 3.6472,
-3.1590

■ 34.2760, 34.8669,
-30.0601

■ 105.0000, 0.0000,
0.0000

■ 111.5120, -3.2104,
3.0590

■ 118.9100, -6.8576,
6.2179

■ 126.0090,
-10.3574, 8.7621

■ 133.4070,
-14.0047, 11.9211

Harmonies

Analogous

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



60.8390, 20.7854, -40.2008



69.1950, 17.6519, -15.0800



72.6490, 12.4980, 4.6928

Triad

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



69.1950, 17.6519, -15.0800



71.4180, -10.5591, 26.8204



63.9340, -3.4185, -23.6211

Complementary

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



69.1950, 17.6519, -15.0800



87.8050, -17.6519, 15.0800

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.



67.1550, -11.9084, -7.1519



69.1950, 17.6519, -15.0800



70.4080, -15.4841, 19.8132

Square

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



69.1950, 17.6519, -15.0800



72.1930, -2.5601, 27.8947



69.1030, -16.3198, 7.8027



56.4070, 9.1663, -46.8379

Rectangle

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



69.1950, 17.6519, -15.0800



73.2760, 8.2449, 15.5439



69.1030, -16.3198, 7.8027



65.1690, -6.4923, -17.6882

Sweetspot

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



69.1950, 17.6519, -15.0800



123.5030, 7.1470, -5.7031



86.9870, -0.4866, -30.6836



60.4170, 4.2314, -3.8737



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



69.1950, 17.6519, -15.0800



81.1860, 28.0093, -23.8421



60.1350, 22.1184, -0.9954



49.8580, 2.0420, -1.6295



37.9920, 38.9509, -33.3190



79.5860, 81.5491, -69.7969

Inverse Universe

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



70.0130, 0.4866, 30.6836



82.5360, 0.7218, 48.6419



96.8650, -22.1184, 0.9954



50.0220, -0.0108, 3.4887



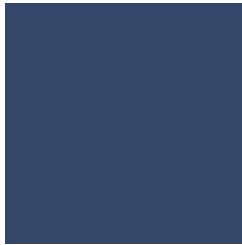
39.7710, 1.0989, 67.7298



83.2870, 2.3235, 141.8223

Previews

White Background



This preview shows how the YUV color 69.1950, 17.6519, -15.0800 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 69.1950, 17.6519, -15.0800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

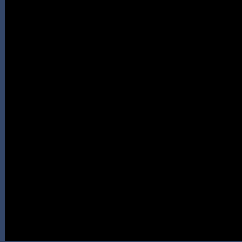
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.1950, 17.6519, -15.0800

Background



This preview shows how black text looks on a background with the YUV color 69.1950, 17.6519, -15.0800.



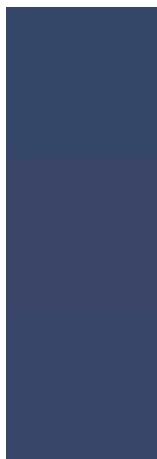
This preview shows how white text looks on a background with the YUV color 69.1950, 17.6519,

-15.0800.

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

69.1950, 17.6519, -15.0800

Protanopia

70.0000, 16.7620, -9.6470

Deuteranopia

69.5050, 17.4990, -12.7209



Tritanopia

67.1160, 7.3378, -20.2727

Trichromacy



Original Color

69.1950, 17.6519, -15.0800

Protanomaly

69.6900, 16.9148, -12.0061

Deuteranomaly

69.2060, 17.6464, -13.3357

Tritanomaly

67.7510, 10.9688, -18.1986

Monochromacy



Original Color

69.1950, 17.6519, -15.0800

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.2750, 6.2734, -5.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.1950, 17.6519, -15.0800 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(52, 71, 105)` looks like.

```
.text, #text, p{  
    color:rgb(52, 71, 105)  
}
```

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(52, 71, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 71, 105) }
```

Border

The CSS property to change the border of an element to YUV 69.1950, 17.6519, -15.0800 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(52, 71, 105) }
```


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

```
.border{ border-color:rgb(52, 71, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 71, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 71, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 71, 105);  
box-shadow:4px 4px 4px 4px rgb(52, 71,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 69.1950, 17.6519, -15.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 71, 105) }
```

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

```
.background{ background-color: rgb(52, 71,  
105) }
```

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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