

Converting Colors

YUV(68.2960, 27.9551, -6.3986)

Have a look what the booklet for
YUV(68.2960, 27.9551, -6.3986)
contains.

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Color

**YUV(68.2960, 27.9551,
-6.3986)**

Conversions

Conversions Part 1

Format	Color
Hex	3D3D7D
RGB	61, 61, 125
RGB Percent	24%, 24%, 49%
CMY	0.7608, 0.7608, 0.5098
CMYK	0.51, 0.51, 0.00, 0.51
HSL	240°, 34%, 36%
HSV	240°, 51%, 49%
XYZ	7.2949, 5.8103, 20.1390
YIQ	68.2960, -20.5440, 19.9040

Conversions

Conversions Part 2

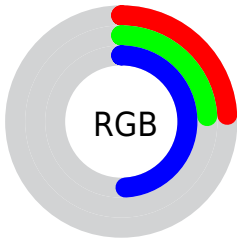
Format	Color
R _Y B	61, 61, 125
Decimal	4013437
CIE Lab	28.93, 18.83, -36.49
CIE LCh	29, 41.060, 297.293
Yxy	5.8103, 0.2194, 0.1748
Android (android.graphics.Color)	4282203517 (0xFF3D3D7D)
YUV	68.2960, 27.9551, -6.3986
Hunter-Lab	24.1045, 11.8377, -32.6631

Details

The YUV color **68.2960, 27.9551, -6.3986** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **117.7040, -27.9551, 6.3986**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.4750, 29.8388, -3.9246**, and **20.0020, 27.1140, -16.6648** is the 20% darker color. If you saturate the color by 10%, you get **57.6640, 33.1966, -7.5983**, and if you desaturate by 10%, it is **79.8140, 22.2767, -5.0989**.

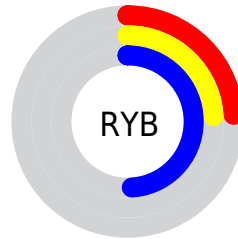
Distribution



Red (24%)

Green (24%)

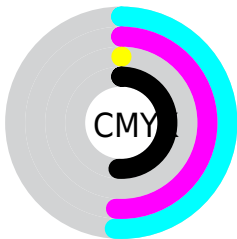
Blue (49%)



Red (24%)

Yellow (24%)

Blue (49%)

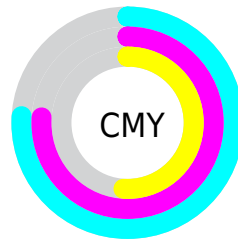


Cyan (51%)

Magenta (51%)

Yellow (0%)

Black (51%)



Cyan (76%)

Magenta (76%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.2960, 27.9551, -6.3986 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 68.2960, 27.9551, -6.3986 by changing the saturation by 10% instead.

■ 68.2960, 27.9551,
-6.3986

■ 68.2960, 27.9551,
-6.3986

■ 255.0000, 0.0000,
0.0000

■ 44.4590, 27.3817,
-9.1725

■ 117.4750, 29.8388,
-3.9246

■ 20.0020, 27.1140,
-16.6648

■ 144.0020, 30.5650,
-3.5098

■ 5.9280, 22.7135,
-5.1989

■ 170.5290, 31.2912,
-3.0949

■ 4.5940, 12.5252,
-4.0289

■ 197.1440, 28.5230,
-1.8803

■ 0.0000, 0.0000,
0.0000

■ 221.9520, 16.2927,
0.9191

■ 247.3580, 3.7675,

4.9480

■ 68.2960, 27.9551,
-6.3986

■ 68.2960, 27.9551,
-6.3986

■ 57.6640, 33.1966,
-7.5983

■ 79.8140, 22.2767,
-5.0989

■ 46.1460, 38.8750,
-8.8980

■ 90.4460, 17.0351,
-3.8991

■ 34.6280, 44.5534,
-10.1978

■ 101.9640, 11.3567,
-2.5994

■ 23.9960, 49.7950,
-11.3975

■ 112.5960, 6.1152,
-1.3997

■ 14.2500, 54.5998,
-12.4972

■ 124.1140, 0.4368,
-0.1000

■ 134.7460, -4.8048,
1.0998

■ 145.3780,
-10.0464, 2.2995

■ 156.8960,
-15.7247, 3.5992

■ 167.5280,
-20.9663, 4.7989

Harmonies

Analogous

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



57.8990, 36.5318, -50.7774



68.2960, 27.9551, -6.3986



69.5410, 16.4953, 29.3435

Triad

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



68.2960, 27.9551, -6.3986



65.0700, -26.1635, 38.5266



55.4300, 4.2250, -48.6121

Complementary

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



68.2960, 27.9551, -6.3986



117.7040, -27.9551, 6.3986

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.



50.6080, -9.1737, -44.3832



68.2960, 27.9551, -6.3986



64.4560, -31.7768, 18.8941

Square

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



68.2960, 27.9551, -6.3986



64.3440, -11.5086, 51.4413



60.5840, -29.3749, -4.8972



59.0780, 18.2025, -51.8114

Rectangle

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



68.2960, 27.9551, -6.3986



66.4630, 8.1527, 45.1979



60.5840, -29.3749, -4.8972



54.1760, -0.5798, -47.5124

Sweetspot

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



68.2960, 27.9551, -6.3986



141.7360, 10.4832, -2.3995



105.8640, 9.4340, -39.3457



68.7100, 6.5520, -1.4997



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.



68.2960, 27.9551, -6.3986



75.2860, 43.2430, -9.8978



77.8640, 23.2380, 13.2743



57.7980, 3.0576, -0.6998



14.5920, 55.9101, -12.7972



0.0000, 0.0000, 0.0000

Inverse Universe

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



87.4320, 18.5210, 32.9471



104.8870, 28.6497, 50.9651



108.1360, -23.2380, -13.2743



59.8910, 2.0257, 3.6036



52.8640, 37.0420, 65.8943



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 68.2960, 27.9551, -6.3986 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 68.2960, 27.9551, -6.3986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

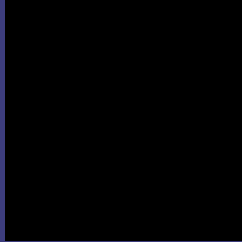
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.2960, 27.9551, -6.3986

Background



This preview shows how black text looks on a background with the YUV color 68.2960, 27.9551, -6.3986.



This preview shows how white text looks on a background with the YUV color 68.2960, 27.9551, -6.3986.

-6.3986.

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

68.2960, 27.9551, -6.3986

Protanopia

63.1300, 32.9669, -27.3010

Deuteranopia

56.3190, 32.8737, -44.1298



Tritanopia

64.9100, 6.4534, -16.5841

Trichromacy



Original Color

68.2960, 27.9551, -6.3986

Protanomaly

65.0170, 31.0506, -19.3089

Deuteranomaly

60.6520, 31.2306, -30.3898

Tritanomaly

65.9950, 14.2995, -13.1506

Monochromacy



Original Color

68.2960, 27.9551, -6.3986

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.7360, 10.4832, -2.3995

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.2960, 27.9551, -6.3986 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(61, 61, 125)` looks like.

```
.text, #text, p{  
    color:rgb(61, 61, 125)  
}
```

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(61, 61, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 61, 125) }
```

Border

The CSS property to change the border of an element to YUV 68.2960, 27.9551, -6.3986 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(61, 61, 125) }
```


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

```
.border{ border-color:rgb(61, 61, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 61, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 61, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 61, 125);  
box-shadow:4px 4px 4px 4px rgb(61, 61,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 68.2960, 27.9551, -6.3986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 61, 125) }
```

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

```
.background{ background-color: rgb(61, 61,  
125) }
```

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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