

Converting Colors

YUV(72.0610, 7.3649, -28.9945)

Have a look what the booklet for
YUV(72.0610, 7.3649, -28.9945)
contains.

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Color

**YUV(72.0610, 7.3649,
-28.9945)**

Conversions

Conversions Part 1

Format	Color
Hex	275657
RGB	39, 86, 87
RGB Percent	15%, 34%, 34%
CMY	0.8471, 0.6627, 0.6588
CMYK	0.55, 0.01, 0.00, 0.66
HSL	181°, 38%, 25%
HSV	181°, 55%, 34%
XYZ	5.8848, 7.7750, 10.2074
YIQ	72.0610, -28.3330, -9.6530

Conversions

Conversions Part 2

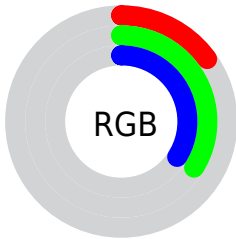
Format	Color
R_{YB}	39, 63, 87
Decimal	2578007
CIE _{Lab}	33.51, -15.60, -5.49
CIE _{LCh}	34, 16.540, 199.397
Yxy	7.7750, 0.2466, 0.3258
Android (android.graphics.Color)	4280768087 (0xFF275657)
YUV	72.0610, 7.3649, -28.9945
Hunter-Lab	27.8837, -11.1246, -2.1857

Details

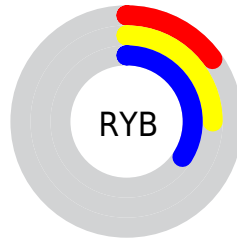
The YUV color **72.0610, 7.3649, -28.9945** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **53.9390, -7.3649, 28.9945**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.0610, 7.3649, -28.9945**, and **28.2680, 6.7699, -24.7910** is the 20% darker color. If you saturate the color by 10%, you get **69.3700, 8.6916, -34.5275**, and if you desaturate by 10%, it is **74.7520, 6.0383, -23.4615**.

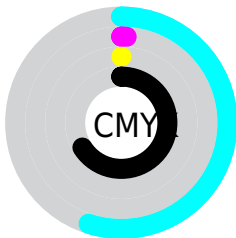
Distribution



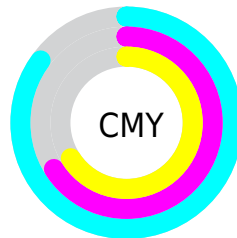
- Red (15%)
- Green (34%)
- Blue (34%)



- Red (15%)
- Yellow (25%)
- Blue (34%)



- Cyan (55%)
- Magenta (1%)
- Yellow (0%)
- Black (66%)



- Cyan (85%)
- Magenta (66%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.0610, 7.3649, -28.9945 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 72.0610, 7.3649, -28.9945 by changing the saturation by 10% instead.

■ 72.0610, 7.3649,
-28.9945

■ 72.0610, 7.3649,
-28.9945

■ 255.0000, 0.0000,
0.0000

■ 47.5660, 8.1020,
-32.0684

■ 122.0610, 7.3649,
-28.9945

■ 28.2680, 6.7699,
-24.7910

■ 148.0610, 7.3649,
-28.9945

■ 14.7210, 3.0955,
-12.9103

■ 174.7620, 7.5123,
-29.6093

■ 0.0000, 0.0000,
0.0000

■ 202.4630, 7.6597,
-30.2241

■ 231.0500, 7.3704,
-30.7388

■ 245.7310, 4.5696,

-19.0581

254.4020, 0.2948,
-1.2296

■ 72.0610, 7.3649,
-28.9945

■ 72.0610, 7.3649,
-28.9945

■ 69.3700, 8.6916,
-34.5275

■ 74.7520, 6.0383,
-23.4615

■ 66.9780, 9.8708,
-39.4457

■ 77.1440, 4.8590,
-18.5433

■ 63.7000, 11.4869,
-44.4639

■ 80.4220, 3.2430,
-13.5251

■ 61.0090, 12.8136,
-49.9969

■ 83.1130, 1.9163,
-7.9921

■ 59.8130, 13.4032,
-52.4560

■ 85.8040, 0.5896,
-2.4591

■ 88.1960, -0.5896,
2.4591

■ 90.8870, -1.9163,
7.9921

■ 93.5780, -3.2430,
13.5251

■ 96.5570, -4.7116,
17.9285

Harmonies

Analogous

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



73.8680, 0.0651, -20.9322



72.0610, 7.3649, -28.9945



73.3260, 12.1643, -28.3499

Triad

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



72.0610, 7.3649, -28.9945



81.0040, 7.3930, 8.7665



78.1620, -12.4049, 12.1359

Complementary

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



72.0610, 7.3649, -28.9945



53.9390, -7.3649, 28.9945

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.



79.4880, -10.1006, 19.7430



72.0610, 7.3649, -28.9945



81.1640, 1.3981, 18.2732

Square

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



72.0610, 7.3649, -28.9945



79.0670, 11.7990, -4.4438



79.9920, -4.4331, 21.9320



77.3240, -11.4987, 1.4699

Rectangle

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



72.0610, 7.3649, -28.9945



75.4130, 13.6004, -22.2872



79.9920, -4.4331, 21.9320



78.9990, -11.8315, 14.9099

Sweetspot

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



72.0610, 7.3649, -28.9945



106.3190, 2.8007, -11.6808



67.2900, -13.4540, -24.8103



52.7110, 1.6215, -6.7625



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



72.0610, 7.3649, -28.9945



89.2870, 11.1975, -44.9787



57.9730, 14.3103, -16.6393



41.8040, 0.5896, -2.4591



73.8330, 16.3513, -64.7515



161.8000, 36.0876, -141.8986

Inverse Universe

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



58.7100, 13.4540, 24.8103



68.4480, 20.9781, 38.1951



68.0270, -14.3103, 16.6393



40.6520, 1.1576, 2.0592



43.9630, 30.0912, 55.2834



96.4850, 65.8229, 121.4777

Previews

White Background



This preview shows how the YUV color 72.0610, 7.3649, -28.9945 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 72.0610, 7.3649, -28.9945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

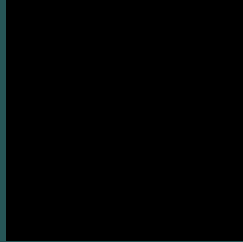
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

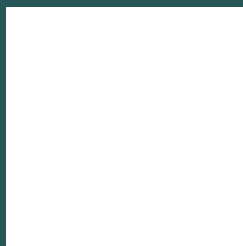
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 72.0610, 7.3649, -28.9945

Background



This preview shows how black text looks on a background with the YUV color 72.0610, 7.3649, -28.9945.



This preview shows how white text looks on a background with the YUV color 72.0610, 7.3649, -28.9945.

-28.9945.

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

72.0610, 7.3649, -28.9945

Protanopia

78.7550, 1.5998, 0.2149

Deuteranopia

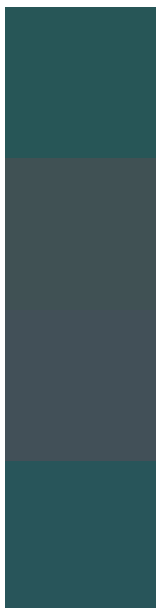
78.9770, 4.9413, 1.7742



Tritanopia

72.6420, 9.5435, -27.7500

Trichromacy



Original Color

72.0610, 7.3649, -28.9945

Protanomaly

76.2590, 3.8163, -10.7511

Deuteranomaly

76.7260, 5.5581, -9.4067

Tritanomaly

72.1150, 8.8173, -28.1649

Monochromacy



Original Color

72.0610, 7.3649, -28.9945

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9170, 2.5059, -10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.0610, 7.3649, -28.9945 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(39, 86, 87)` looks like.

```
.text, #text, p{  
    color:rgb(39, 86, 87)  
}
```

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(39, 86, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 86, 87) }
```

Border

The CSS property to change the border of an element to YUV 72.0610, 7.3649, -28.9945 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(39, 86, 87) }
```


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

```
.border{ border-color:rgb(39, 86, 87) }
```

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

Here you see how a box with a 4 pixel rgb(39, 86, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 86, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 86, 87);  
box-shadow:4px 4px 4px 4px rgb(39, 86, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.0610, 7.3649, -28.9945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 86, 87) }
```

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

```
.background{ background-color: rgb(39, 86,  
87) }
```

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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