

Converting Colors

YUV(95.0610, 7.3649, -28.9945)

Have a look what the booklet for
YUV(95.0610, 7.3649, -28.9945)
contains.

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Color

**YUV(95.0610, 7.3649,
-28.9945)**

Conversions

Conversions Part 1

Format	Color
Hex	3E6D6E
RGB	62, 109, 110
RGB Percent	24%, 43%, 43%
CMY	0.7569, 0.5725, 0.5686
CMYK	0.44, 0.01, 0.00, 0.57
HSL	181°, 28%, 34%
HSV	181°, 44%, 43%
XYZ	10.2697, 13.0872, 16.7367
YIQ	95.0610, -28.3330, -9.6530

Conversions

Conversions Part 2

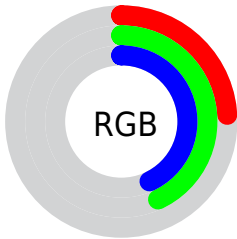
Format	Color
RYB	62, 86, 110
Decimal	4091246
CIELab	42.89, -15.71, -5.59
CIElCh	43, 16.675, 199.599
Yxy	13.0872, 0.2561, 0.3264
Android (android.graphics.Color)	4282281326 (0xFF3E6D6E)
YUV	95.0610, 7.3649, -28.9945
Hunter-Lab	36.1762, -12.6358, -2.1067

Details

The YUV color $95.0610, 7.3649, -28.9945$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $76.9390, -7.3649, 28.9945$, and the grayscale version is $95.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $146.7620, 7.5123, -29.6093$, and $45.3810, 8.6862, -32.7831$ is the 20% darker color. If you saturate the color by 10%, you get $91.7720, 8.9864, -35.7570$, and if you desaturate by 10%, it is $98.3500, 5.7434, -22.2320$.

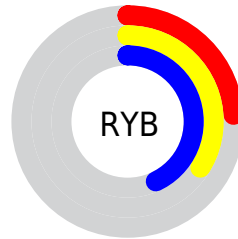
Distribution



Red (24%)

Green (43%)

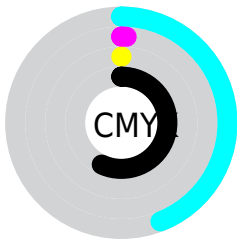
Blue (43%)



Red (24%)

Yellow (34%)

Blue (43%)

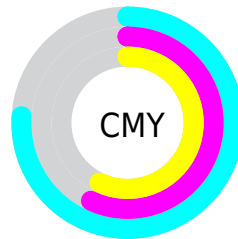


Cyan (44%)

Magenta (1%)

Yellow (0%)

Black (57%)



Cyan (76%)

Magenta (57%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.0610, 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 95.0610, 7.3649, -28.9945 by changing the saturation by 10% instead.

95.0610, 7.3649,
-28.9945

95.0610, 7.3649,
-28.9945

255.0000, 0.0000,
0.0000

70.7620, 7.5123,
-29.6093

146.7620, 7.5123,
-29.6093

45.3810, 8.6862,
-32.7831

173.4630, 7.6597,
-30.2241

27.5670, 6.6225,
-24.1763

201.0500, 7.3704,
-30.7388

13.4330, 3.2375,
-11.7807

229.1640, 7.8071,
-30.8388

0.0000, 0.0000,
0.0000

245.1330, 4.8644,
-20.2876

253.8040, 0.5896,

-2.4591

■ 95.0610, 7.3649,
-28.9945

■ 95.0610, 7.3649,
-28.9945

■ 91.7720, 8.9864,
-35.7570

■ 98.3500, 5.7434,
-22.2320

■ 88.4830, 10.6079,
-42.5196

■ 101.6390, 4.1220,
-15.4694

■ 84.6070, 12.5187,
-48.7673

■ 105.5150, 2.2111,
-9.2217

■ 81.3180, 14.1402,
-55.5299

■ 108.8040, 0.5896,
-2.4591

■ 78.0290, 15.7617,
-62.2924

■ 112.0930, -1.0318,
4.3034

■ 75.9360, 16.7936,
-66.5959

■ 115.3820, -2.6533,
11.0660

■ 119.2580, -4.5642,
17.3137

■ 122.5470, -6.1857,
24.0763

■ 125.8360, -7.8071,
30.8388

Harmonies

Analogous

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



96.1560, -0.0769, -22.0618



95.0610, 7.3649, -28.9945



95.8530, 12.8905, -27.9351

Triad

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



95.0610, 7.3649, -28.9945



103.4170, 7.6824, 9.2813



101.2330, -13.4259, 12.9507

Complementary

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



95.0610, 7.3649, -28.9945



76.9390, -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.



102.0860, -10.3954, 20.9726



95.0610, 7.3649, -28.9945



103.8760, 1.5401, 19.4027

Square

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



95.0610, 7.3649, -28.9945



101.5940, 12.5252, -4.0289



103.4760, -5.1647, 23.2615



99.5090, -12.0829, 2.1846

Rectangle

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



95.0610, 7.3649, -28.9945



97.6410, 14.4740, -22.4872



103.4760, -5.1647, 23.2615



101.4830, -12.5631, 16.2394

Sweetspot

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



95.0610, 7.3649, -28.9945



136.7320, 3.0901, -11.1660



90.2900, -13.4540, -24.8103



67.7110, 1.6215, -6.7625



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.



95.0610, 7.3649, -28.9945



119.7000, 11.4869, -44.4639



80.9730, 14.3103, -16.6393



54.2060, 0.8844, -3.6887



82.3590, 18.5570, -72.2288



170.2120, 37.8565, -149.2759

Inverse Universe

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



81.7100, 13.4540, 24.8103



99.3340, 20.5413, 38.2951



91.0270, -14.3103, 16.6393



52.4780, 1.7363, 3.0888



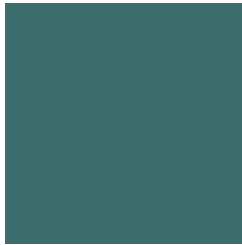
49.2180, 33.4165, 62.0758



101.4410, 69.2956, 127.6552

Previews

White Background



This preview shows how the YUV color 95.0610, 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 × Fail

Black Background



This preview shows how the YUV color 95.0610, 7.3649, -28.9945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

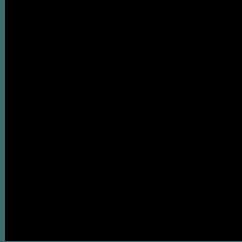
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.0610, 7.3649, -28.9945

Background



This preview shows how black text looks on a background with the YUV color 95.0610, 7.3649, -28.9945.



This preview shows how white text looks on a background with the YUV color 95.0610, 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

95.0610, 7.3649, -28.9945

Protanopia

101.1680, 1.8892, 0.7297

Deuteranopia

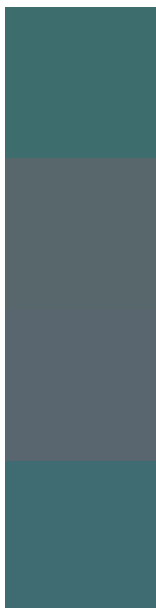
101.6890, 5.0833, 2.9037



Tritanopia

95.8700, 10.4171, -27.9500

Trichromacy



Original Color

95.0610, 7.3649, -28.9945

Protanomaly

98.6720, 4.1057, -10.2363

Deuteranomaly

99.1390, 5.8475, -8.8919

Tritanomaly

95.2290, 9.2541, -28.2648

Monochromacy



Original Color

95.0610, 7.3649, -28.9945

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9170, 2.5059, -10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0610, 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(62, 109, 110)` looks like.

```
.text, #text, p{  
    color:rgb(62, 109, 110)  
}
```

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(62, 109, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 109, 110) }
```

Border

The CSS property to change the border of an element to YUV 95.0610, 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(62, 109, 110) }
```


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

```
.border{ border-color:rgb(62, 109, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 109, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 109, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 109, 110);  
box-shadow:4px 4px 4px 4px rgb(62, 109,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 95.0610, 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(62, 109, 110) }
```

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

```
.background{ background-color: rgb(62, 109,  
110) }
```

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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