

Converting Colors

YUV(71.5360, 23.8928,
-10.1171)

Have a look what the booklet for
YUV(71.5360, 23.8928, -10.1171)
contains.

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Color

**YUV(71.5360, 23.8928,
-10.1171)**

Conversions

Conversions Part 1

Format	Color
Hex	3C4478
RGB	60, 68, 120
RGB Percent	24%, 27%, 47%
CMY	0.7647, 0.7333, 0.5294
CMYK	0.50, 0.43, 0.00, 0.53
HSL	232°, 33%, 35%
HSV	232°, 50%, 47%
XYZ	7.3208, 6.4510, 18.6286
YIQ	71.5360, -21.4600, 14.4760

Conversions

Conversions Part 2

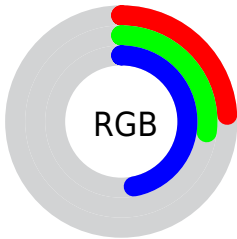
Format	Color
RYB	60, 67, 120
Decimal	3949688
CIELab	30.52, 12.21, -30.82
CIELCh	31, 33.147, 291.609
Yxy	6.4510, 0.2259, 0.1991
Android (android.graphics.Color)	4282139768 (0xFF3C4478)
YUV	71.5360, 23.8928, -10.1171
Hunter-Lab	25.3988, 7.0018, -25.7069

Details

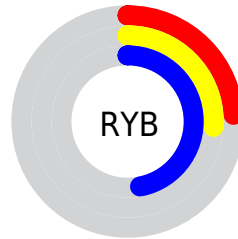
The YUV color **71.5360, 23.8928, -10.1171** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **108.4640, -23.8928, 10.1171**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.0030, 25.6345, -8.7726**, and **24.5520, 22.8989, -18.0241** is the 20% darker color. If you saturate the color by 10%, you get **62.0780, 28.5555, -12.3464**, and if you desaturate by 10%, it is **80.9940, 19.2300, -7.8877**.

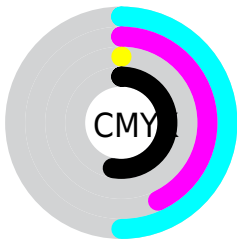
Distribution



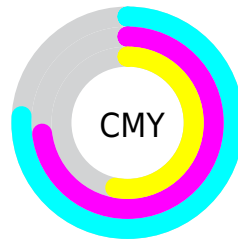
- Red (24%)
- Green (27%)
- Blue (47%)



- Red (24%)
- Yellow (26%)
- Blue (47%)



- Cyan (50%)
- Magenta (43%)
- Yellow (0%)
- Black (53%)



- Cyan (76%)
- Magenta (73%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.5360, 23.8928, -10.1171 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 71.5360, 23.8928, -10.1171 by changing the saturation by 10% instead.

■ 71.5360, 23.8928,
-10.1171

■ 71.5360, 23.8928,
-10.1171

■ 255.0000, 0.0000,
0.0000

■ 47.9980, 23.1720,
-12.2762

■ 121.0030, 25.6345,
-8.7726

■ 24.5520, 22.8989,
-18.0241

■ 146.8290, 26.2133,
-7.7430

■ 5.4720, 20.9663,
-4.7989

■ 173.9430, 26.6501,
-7.8430

■ 3.6650, 11.5042,
-3.2142

■ 200.9430, 26.6501,
-7.8430

■ 0.0000, 0.0000,
0.0000

■ 226.0500, 14.2724,
-4.4288

■ 251.1570, 1.8946,

-1.0147

■ 71.5360, 23.8928,
-10.1171

■ 71.5360, 23.8928,
-10.1171

■ 62.0780, 28.5555,
-12.3464

■ 80.9940, 19.2300,
-7.8877

■ 52.0330, 33.5077,
-14.0609

■ 91.0390, 14.2778,
-6.1732

■ 42.5750, 38.1705,
-16.2903

■ 100.4970, 9.6150,
-3.9439

■ 32.5300, 43.1227,
-18.0048

■ 110.5420, 4.6628,
-2.2293

■ 23.0720, 47.7855,
-20.2341

■ 120.0000, 0.0000,
0.0000

■ 129.4580, -4.6628,
2.2293

■ 139.5030, -9.6150,
3.9439

■ 148.9610,
-14.2778, 6.1732

■ 159.0060,
-19.2300, 7.8877

Harmonies

Analogous

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



59.2210, 31.4430, -51.9368



71.5360, 23.8928, -10.1171



74.0190, 14.7806, 19.2773

Triad

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



71.5360, 23.8928, -10.1171



70.5840, -19.0219, 34.5678



56.4900, 3.2094, -49.5417

Complementary

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



71.5360, 23.8928, -10.1171



108.4640, -23.8928, 10.1171

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.



62.6430, -12.1490, -23.3659



71.5360, 23.8928, -10.1171



69.4760, -25.3777, 19.7535

Square

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



71.5360, 23.8928, -10.1171



71.0870, -8.4239, 42.0197



67.2240, -23.2814, 0.6806



59.5680, 15.0030, -52.2411

Rectangle

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



71.5360, 23.8928, -10.1171



73.2720, 7.7539, 33.0875



67.2240, -23.2814, 0.6806



54.9910, 0.0044, -48.2271

Sweetspot

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



71.5360, 23.8928, -10.1171



136.4970, 9.6150, -3.9439



101.1480, 5.3500, -36.0868



67.7700, 5.5364, -2.4293



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



71.5360, 23.8928, -10.1171



80.3470, 37.2969, -16.0903



73.4180, 22.9649, 7.5264



56.2710, 2.3314, -1.1147



24.2290, 49.6801, -21.2488



48.6860, 100.2338, -42.6976

Inverse Universe

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



78.8520, -5.3500, 36.0868



91.5880, -8.1779, 56.4893



106.5820, -22.9649, -7.5264



56.9080, -0.4476, 3.5887



39.3130, -11.0003, 75.1475



79.2240, -22.2954, 151.5246

Previews

White Background



This preview shows how the YUV color 71.5360, 23.8928, -10.1171 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 71.5360, 23.8928, -10.1171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

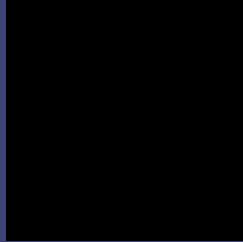
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.5360, 23.8928, -10.1171

Background



This preview shows how black text looks on a background with the YUV color 71.5360, 23.8928, -10.1171.



This preview shows how white text looks on a background with the YUV color 71.5360, 23.8928,

-10.1171.

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

71.5360, 23.8928, -10.1171

Protanopia

69.9480, 25.6616, -17.4944

Deuteranopia

68.0890, 25.0991, -23.7571



Tritanopia

68.3120, 6.7482, -17.8136

Trichromacy



Original Color

71.5360, 23.8928, -10.1171

Protanomaly

70.4430, 24.9246, -14.4205

Deuteranomaly

69.5950, 24.3567, -18.9388

Tritanomaly

69.3430, 13.1419, -15.2098

Monochromacy



Original Color

71.5360, 23.8928, -10.1171

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1550, 8.3046, -3.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.5360, 23.8928, -10.1171 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(60, 68, 120)` looks like.

```
.text, #text, p{  
    color:rgb(60, 68, 120)  
}
```

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(60, 68, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 68, 120) }
```

Border

The CSS property to change the border of an element to YUV 71.5360, 23.8928, -10.1171 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(60, 68, 120) }
```


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

```
.border{ border-color:rgb(60, 68, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 68, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 68, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 68, 120);  
box-shadow:4px 4px 4px 4px rgb(60, 68,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 71.5360, 23.8928, -10.1171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 68, 120) }
```

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

```
.background{ background-color: rgb(60, 68,  
120) }
```

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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