

Converting Colors

YUV(72.6860, 22.8328,
-43.5746)

Have a look what the booklet for
YUV(72.6860, 22.8328, -43.5746)
contains.

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Color

**YUV(72.6860, 22.8328,
-43.5746)**

Conversions

Conversions Part 1

Format	Color
Hex	175977
RGB	23, 89, 119
RGB Percent	9%, 35%, 47%
CMY	0.9098, 0.6510, 0.5333
CMYK	0.81, 0.25, 0.00, 0.53
HSL	199°, 68%, 28%
HSV	199°, 81%, 47%
XYZ	7.2555, 8.6588, 18.7417
YIQ	72.6860, -48.9660, -4.6620

Conversions

Conversions Part 2

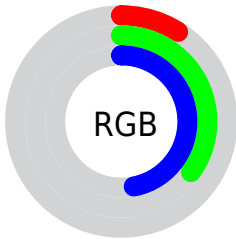
Format	Color
R_{YB}	23, 62, 119
Decimal	1530231
CIE _{Lab}	35.32, -9.10, -22.77
CIE _{LCh}	35, 24.523, 248.219
Yxy	8.6588, 0.2094, 0.2499
Android (android.graphics.Color)	4279720311 (0xFF175977)
YUV	72.6860, 22.8328, -43.5746
Hunter-Lab	29.4259, -7.4828, -17.1644

Details

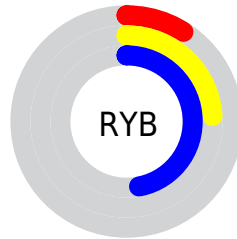
The YUV color **72.6860, 22.8328, -43.5746** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **69.3140, -22.8328, 43.5746**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.9040, 22.2323, -37.6268**, and **33.8080, 17.8427, -29.6496** is the 20% darker color. If you saturate the color by 10%, you get **66.7500, 25.7592, -48.8927**, and if you desaturate by 10%, it is **78.6220, 19.9064, -38.2565**.

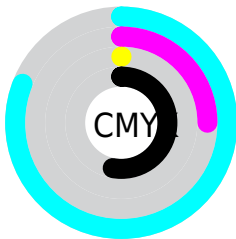
Distribution



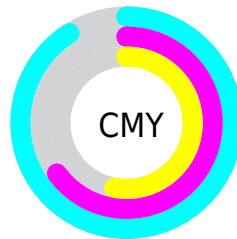
- Red (9%)
- Green (35%)
- Blue (47%)



- Red (9%)
- Yellow (24%)
- Blue (47%)



- Cyan (81%)
- Magenta (25%)
- Yellow (0%)
- Black (53%)



- Cyan (91%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.6860, 22.8328, -43.5746 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 72.6860, 22.8328, -43.5746 by changing the saturation by 10% instead.

72.6860, 22.8328,
-43.5746

72.6860, 22.8328,
-43.5746

255.0000, 0.0000,
0.0000

49.4580, 21.9592,
-43.3747

125.9040, 22.2323,
-37.6268

33.8080, 17.8427,
-29.6496

152.4310, 22.9585,
-37.2120

19.5600, 14.0209,
-17.1541

179.8440, 23.2479,
-36.6972

3.6650, 11.5042,
-3.2142

207.8440, 23.2479,
-36.6972

0.0000, 0.0000,
0.0000

233.2390, 10.7282,
-34.4126

245.4320, 4.7170,

-19.6729

254.1030, 0.4422,
-1.8443

■ 72.6860, 22.8328,
-43.5746

■ 72.6860, 22.8328,
-43.5746

■ 66.7500, 25.7592,
-48.8927

■ 78.6220, 19.9064,
-38.2565

■ 61.7000, 28.2489,
-54.1109

■ 83.9710, 17.2693,
-32.4236

■ 89.9070, 14.3428,
-27.1054

■ 95.8430, 11.4164,
-21.7873

■ 101.4800, 8.6374,
-17.0840

■ 106.8290, 6.0003,
-11.2510

■ 112.7650, 3.0739,
-5.9329

■ 118.7010, 0.1474,
-0.6148

■ 124.0500, -2.4896,
5.2182

Harmonies

Analogous

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



66.2020, 20.1134, -58.0592



72.6860, 22.8328, -43.5746



81.4660, 19.9833, -16.1947

Triad

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



72.6860, 22.8328, -43.5746



84.4000, -3.1552, 32.0982



78.8020, -13.2134, -8.5964

Complementary

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



72.6860, 22.8328, -43.5746



69.3140, -22.8328, 43.5746

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.



81.2340, -18.3564, 7.6878



72.6860, 22.8328, -43.5746



83.7990, -11.7329, 29.9943

Square

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



72.6860, 22.8328, -43.5746



85.7500, 6.0393, 23.0212



82.8490, -17.6736, 22.0574



74.9120, -3.4076, -27.1098

Rectangle

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



72.6860, 22.8328, -43.5746



84.0550, 16.7349, -0.9252



82.8490, -17.6736, 22.0574



79.5640, -15.5611, -2.2486

Sweetspot

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



72.6860, 22.8328, -43.5746



137.5940, 9.0742, -17.1839



82.6580, -15.1144, -52.3201



68.0140, 5.4161, -10.5363



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.



72.6860, 22.8328, -43.5746



82.6750, 36.1492, -68.1210



45.0970, 36.4342, -19.3791



56.0320, 1.4632, -2.6591



63.2160, 28.9805, -55.4404



129.4640, 59.4242, -113.5399

Inverse Universe

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



59.2280, 14.6776, 52.4200



61.8910, 22.7317, 82.5336



96.9030, -36.4342, 19.3791



55.2500, 0.8628, 3.2888



46.0540, 18.7074, 66.6046



94.3580, 38.2775, 136.4980

Previews

White Background



This preview shows how the YUV color 72.6860, 22.8328, -43.5746 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 72.6860, 22.8328, -43.5746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

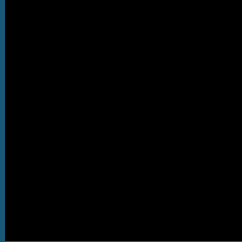
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.6860, 22.8328, -43.5746

Background



This preview shows how black text looks on a background with the YUV color 72.6860, 22.8328, -43.5746.



This preview shows how white text looks on a background with the YUV color 72.6860, 22.8328, -43.5746.

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

72.6860, 22.8328, -43.5746

Protanopia

83.1420, 14.7200, -8.0175

Deuteranopia

81.9610, 19.2462, -13.1208



Tritanopia

65.2900, 16.6190, -57.2593

Trichromacy



Original Color

72.6860, 22.8328, -43.5746

Protanomaly

79.4500, 17.5261, -21.4427

Deuteranomaly

78.8240, 20.2998, -24.4016

Tritanomaly

67.8930, 18.7868, -52.5262

Monochromacy



Original Color

72.6860, 22.8328, -43.5746

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0780, 8.3425, -15.8544

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6860, 22.8328, -43.5746 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(23, 89, 119)` looks like.

```
.text, #text, p{  
    color:rgb(23, 89, 119)  
}
```

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(23, 89, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 89, 119) }
```

Border

The CSS property to change the border of an element to YUV 72.6860, 22.8328, -43.5746 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(23, 89, 119) }
```


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

```
.border{ border-color:rgb(23, 89, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 89, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 89, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 89, 119);  
box-shadow:4px 4px 4px 4px rgb(23, 89,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 72.6860, 22.8328, -43.5746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 89, 119) }
```

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

```
.background{ background-color: rgb(23, 89,  
119) }
```

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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