

Converting Colors

YUV(72.3610, 19.0490,
-43.2896)

Have a look what the booklet for
YUV(72.3610, 19.0490, -43.2896)
contains.

YUV(72.3610, 19.0490, -43.2896)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(72.3610, 19.0490,
-43.2896)**

Conversions

Conversions Part 1

Format	Color
Hex	175A6F
RGB	23, 90, 111
RGB Percent	9%, 35%, 44%
CMY	0.9098, 0.6471, 0.5647
CMYK	0.79, 0.19, 0.00, 0.56
HSL	194°, 66%, 26%
HSV	194°, 79%, 44%
XYZ	6.8788, 8.6422, 16.3445
YIQ	72.3610, -46.6730, -7.6730

Conversions

Conversions Part 2

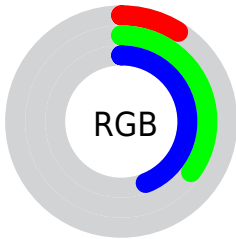
Format	Color
RYB	23, 61, 111
Decimal	1530479
CIELab	35.29, -12.69, -17.87
CIELCh	35, 21.918, 234.608
Yxy	8.6422, 0.2159, 0.2712
Android (android.graphics.Color)	4279720559 (0xFF175A6F)
YUV	72.3610, 19.0490, -43.2896
Hunter-Lab	29.3976, -9.6785, -12.3858

Details

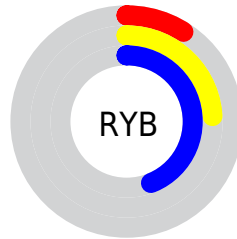
The YUV color **72.3610, 19.0490, -43.2896** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61.6390, -19.0490, 43.2896**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.2800, 18.5960, -37.9566**, and **33.0100, 14.7851, -28.9498** is the 20% darker color. If you saturate the color by 10%, you get **67.3110, 21.5387, -48.5077**, and if you desaturate by 10%, it is **77.4110, 16.5594, -38.0714**.

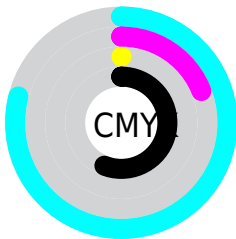
Distribution



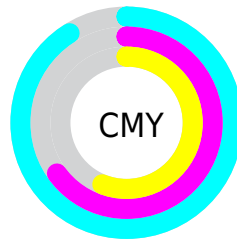
- Red (9%)
- Green (35%)
- Blue (44%)



- Red (9%)
- Yellow (24%)
- Blue (44%)



- Cyan (79%)
- Magenta (19%)
- Yellow (0%)
- Black (56%)



- Cyan (91%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.3610, 19.0490, -43.2896 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 72.3610, 19.0490, -43.2896 by changing the saturation by 10% instead.

■ 72.3610, 19.0490,
-43.2896

■ 72.3610, 19.0490,
-43.2896

■ 255.0000, 0.0000,
0.0000

■ 49.2470, 18.6122,
-43.1896

■ 125.2800, 18.5960,
-37.9566

■ 33.0100, 14.7851,
-28.9498

■ 152.2800, 18.5960,
-37.9566

■ 19.3490, 10.6739,
-16.9691

■ 179.3940, 19.0328,
-38.0565

■ 2.8670, 8.4466,
-2.5144

■ 207.3940, 19.0328,
-38.0565

■ 0.0000, 0.0000,
0.0000

■ 233.2280, 10.7336,
-36.1570

■ 244.8340, 5.0118,

-20.9024

253.5050, 0.7370,
-3.0739

72.3610, 19.0490,
-43.2896

72.3610, 19.0490,
-43.2896

67.3110, 21.5387,
-48.5077

77.4110, 16.5594,
-38.0714

62.8480, 23.7389,
-54.2407

81.8740, 14.3591,
-32.3385

62.5490, 23.8863,
-54.8555

86.9240, 11.8695,
-27.1203

91.9740, 9.3798,
-21.9022

96.7360, 7.0322,
-15.5545

■ 101.7860, 4.5425,
-10.3363

■ 106.8360, 2.0529,
-5.1182

■ 111.2990, -0.1474,
0.6148

■ 116.3490, -2.6371,
5.8329

Harmonies

Analogous

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



69.5470, 13.5343, -47.8377



72.3610, 19.0490, -43.2896



79.7810, 18.8420, -23.4869

Triad

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



72.3610, 19.0490, -43.2896



85.3930, 0.7923, 25.9653



80.2160, -14.4035, -0.1894

Complementary

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



72.3610, 19.0490, -43.2896



61.6390, -19.0490, 43.2896

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.



82.0220, -16.7728, 13.1357



72.3610, 19.0490, -43.2896



83.9390, -7.3649, 28.9945

Square

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



72.3610, 19.0490, -43.2896



85.0910, 8.8291, 14.8292



83.4840, -14.0426, 24.1315



77.5390, -7.6607, -16.2587

Rectangle

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



72.3610, 19.0490, -43.2896



83.0000, 16.7620, -9.6470



83.4840, -14.0426, 24.1315



81.1950, -15.8721, 4.2140

Sweetspot

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



72.3610, 19.0490, -43.2896



129.8390, 7.4744, -17.3988



77.0500, -16.2936, -47.4018



64.7860, 4.5425, -10.3363



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



72.3610, 19.0490, -43.2896



84.3670, 29.8921, -67.8509



46.5330, 31.7822, -20.6384



53.6190, 1.1738, -3.1739



67.0970, 26.0812, -58.8441



138.5140, 53.4836, -121.4768

Inverse Universe

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



56.9500, 16.2937, 47.4019



60.2320, 25.5216, 74.3415



87.4670, -31.7822, 20.6384



52.3640, 1.2995, 3.1888



46.2540, 22.0598, 64.6752



95.2850, 45.7085, 133.0541

Previews

White Background



This preview shows how the YUV color 72.3610, 19.0490, -43.2896 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 72.3610, 19.0490, -43.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

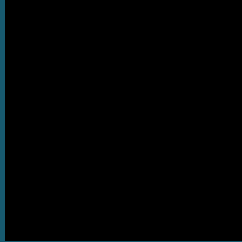
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.3610, 19.0490, -43.2896

Background



This preview shows how black text looks on a background with the YUV color 72.3610, 19.0490, -43.2896.

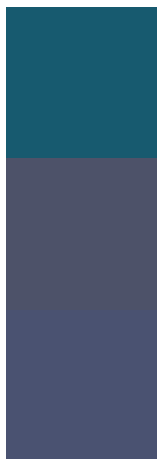


This preview shows how white text looks on a background with the YUV color 72.3610, 19.0490,

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

72.3610, 19.0490, -43.2896

Protanopia

83.1270, 10.7834, -5.3734

Deuteranopia

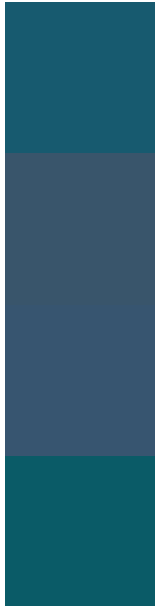
83.1420, 14.7200, -8.0175



Tritanopia

65.8880, 16.3242, -56.0298

Trichromacy



Original Color

72.3610, 19.0490, -43.2896

Protanomaly

79.1360, 13.7370, -19.4133

Deuteranomaly

79.1080, 16.2158, -21.1427

Tritanomaly

68.1490, 17.1815, -50.9967

Monochromacy



Original Color

72.3610, 19.0490, -43.2896

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.3230, 6.7428, -16.0693

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.3610, 19.0490, -43.2896 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, 90, 111)` looks like.

```
.text, #text, p{  
    color:rgb(23, 90, 111)  
}
```

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, 90, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 90, 111) }
```

Border

The CSS property to change the border of an element to YUV 72.3610, 19.0490, -43.2896 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, 90, 111) }
```


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

```
.border{ border-color:rgb(23, 90, 111) }
```

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

Here you see how a box with a 4 pixel rgb(23, 90, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 90, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 90, 111);  
box-shadow:4px 4px 4px 4px rgb(23, 90,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 72.3610, 19.0490, -43.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 90, 111) }
```

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

```
.background{ background-color: rgb(23, 90,  
111) }
```

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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