

Converting Colors

YUV(72.4300, 20.9870,
-58.2591)

Have a look what the booklet for
YUV(72.4300, 20.9870, -58.2591)
contains.

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Color

**YUV(72.4300, 20.9870,
-58.2591)**

Conversions

Conversions Part 1

Format	Color
Hex	066273
RGB	6, 98, 115
RGB Percent	2%, 38%, 45%
CMY	0.9765, 0.6157, 0.5490
CMYK	0.95, 0.15, 0.00, 0.55
HSL	189°, 90%, 24%
HSV	189°, 95%, 45%
XYZ	7.5373, 10.0119, 17.7549
YIQ	72.4300, -60.2890, -14.2170

Conversions

Conversions Part 2

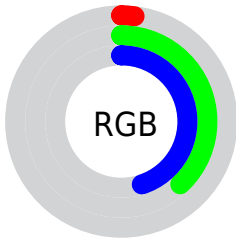
Format	Color
RYB	6, 56, 115
Decimal	418419
CIELab	37.86, -17.36, -16.40
CIELCh	38, 23.878, 223.370
Yxy	10.0119, 0.2135, 0.2836
Android (android.graphics.Color)	4278608499 (0xFF066273)
YUV	72.4300, 20.9870, -58.2591
Hunter-Lab	31.6416, -12.8525, -11.1200

Details

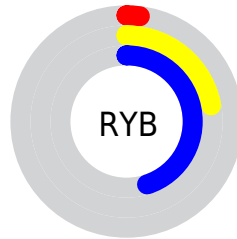
The YUV color **72.4300, 20.9870, -58.2591** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **48.5700, -20.9870, 58.2591**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.5240, 18.4757, -46.0635**, and **37.5750, 14.5065, -32.9533** is the 20% darker color. If you saturate the color by 10%, you get **70.0490, 22.1608, -61.4330**, and if you desaturate by 10%, it is **76.8930, 18.7868, -52.5262**.

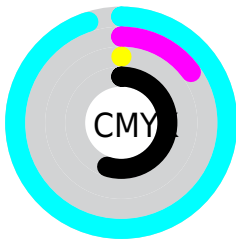
Distribution



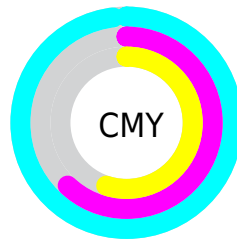
- Red (2%)
- Green (38%)
- Blue (45%)



- Red (2%)
- Yellow (22%)
- Blue (45%)



- Cyan (95%)
- Magenta (15%)
- Yellow (0%)
- Black (55%)



- Cyan (98%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.4300, 20.9870, -58.2591 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 72.4300, 20.9870, -58.2591 by changing the saturation by 10% instead.

72.4300, 20.9870,
-58.2591

72.4300, 20.9870,
-58.2591

255.0000, 0.0000,
0.0000

53.6980, 17.8969,
-47.0931

129.5240, 18.4757,
-46.0635

37.5750, 14.5065,
-32.9533

156.8230, 18.3283,
-45.4488

23.3270, 10.6848,
-20.4578

183.9370, 18.7651,
-45.5487

3.3230, 10.1938,
-2.9143

212.0510, 19.2019,
-45.6487

0.0000, 0.0000,
0.0000

235.2660, 9.7289,
-40.5753

243.9370, 5.4541,

-22.7467

252.6080, 1.1793,
-4.9182

72.4300, 20.9870,
-58.2591

72.4300, 20.9870,
-58.2591

70.0490, 22.1608,
-61.4330

76.8930, 18.7868,
-52.5262

81.6550, 16.4391,
-46.1784

85.5310, 14.5282,
-39.9307

90.2930, 12.1806,
-33.5830

94.7560, 9.9803,
-27.8500

■ 99.5180, 7.6326,
-21.5023

■ 103.9810, 5.4324,
-15.7693

■ 108.1560, 3.3741,
-8.9068

■ 112.6190, 1.1738,
-3.1739

Harmonies

Analogous

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



74.5530, 11.0664, -49.5970



72.4300, 20.9870, -58.2591



82.1000, 21.6427, -35.1677

Triad

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



72.4300, 20.9870, -58.2591



91.4190, 4.7234, 25.0655



87.0380, -17.7667, 5.2287

Complementary

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



72.4300, 20.9870, -58.2591



48.5700, -20.9870, 58.2591

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.



88.4250, -17.9575, 19.7983



72.4300, 20.9870, -58.2591



90.6450, -4.7550, 31.8833

Square

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



72.4300, 20.9870, -58.2591



91.3830, 12.6292, 9.3111



89.8590, -12.7485, 29.0647



84.7200, -12.1870, -11.1554

Rectangle

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



72.4300, 20.9870, -58.2591



86.7430, 19.8467, -19.0686



89.8590, -12.7485, 29.0647



87.8430, -18.6566, 10.6617

Sweetspot

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



72.4300, 20.9870, -58.2591



133.9200, 7.9274, -22.7318



71.8070, -24.5549, -57.7127



65.9920, 5.4269, -14.0250



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



72.4300, 20.9870, -58.2591



91.6490, 28.7670, -80.3762



40.7320, 36.6141, -30.4600



56.6190, 1.1738, -3.1739



74.3690, 23.4821, -65.2216



152.3570, 48.1380, -133.6171

Inverse Universe

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



49.0790, 24.1181, 57.8127



59.3280, 33.3623, 79.5193



80.2680, -36.6141, 30.4600



55.3640, 1.2995, 3.1888



48.2200, 27.0065, 64.7051



98.8040, 55.3126, 132.5989

Previews

White Background



This preview shows how the YUV color 72.4300, 20.9870, -58.2591 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 72.4300, 20.9870, -58.2591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

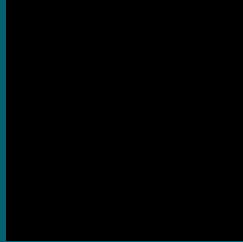
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.4300, 20.9870, -58.2591

Background



This preview shows how black text looks on a background with the YUV color 72.4300, 20.9870, -58.2591.



This preview shows how white text looks on a background with the YUV color 72.4300, 20.9870,

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

72.4300, 20.9870, -58.2591

Protanopia

89.3830, 9.1782, -3.8439

Deuteranopia

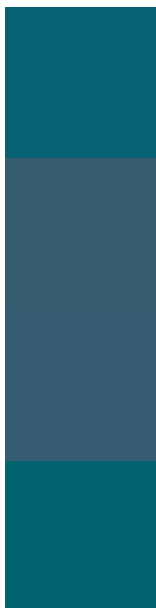
89.5120, 13.5516, -6.5880



Tritanopia

70.3110, 18.0877, -61.6627

Trichromacy



Original Color

72.4300, 20.9870, -58.2591

Protanomaly

83.4020, 13.6058, -24.0316

Deuteranomaly

83.3740, 16.0846, -25.7610

Tritanomaly

71.2510, 19.1033, -60.7331

Monochromacy



Original Color

72.4300, 20.9870, -58.2591

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9310, 7.9220, -20.9875

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.4300, 20.9870, -58.2591 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(6, 98, 115)` looks like.

```
.text, #text, p{  
    color:rgb(6, 98, 115)  
}
```

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(6, 98, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 98, 115) }
```

Border

The CSS property to change the border of an element to YUV 72.4300, 20.9870, -58.2591 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(6, 98, 115) }
```


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

```
.border{ border-color:rgb(6, 98, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 98, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 98, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 98, 115);  
box-shadow:4px 4px 4px 4px rgb(6, 98, 115)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.4300, 20.9870, -58.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 98, 115) }
```

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

```
.background{ background-color: rgb(6, 98,  
115) }
```

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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