

Converting Colors

YUV(72.8810, 6.9607, -39.3606)

Have a look what the booklet for
YUV(72.8810, 6.9607, -39.3606)
contains.

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Color

**YUV(72.8810, 6.9607,
-39.3606)**

Conversions

Conversions Part 1

Format	Color
Hex	1C5D57
RGB	28, 93, 87
RGB Percent	11%, 36%, 34%
CMY	0.8902, 0.6353, 0.6588
CMYK	0.70, 0.00, 0.06, 0.64
HSL	174°, 54%, 24%
HSV	174°, 70%, 36%
XYZ	6.1135, 8.7637, 10.3862
YIQ	72.8810, -36.8140, -15.6460

Conversions

Conversions Part 2

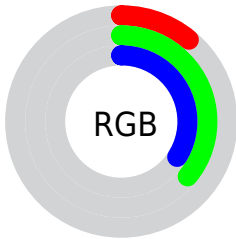
Format	Color
R_{YB}	28, 62, 93
Decimal	1858903
CIE _{Lab}	35.53, -21.76, -2.55
CIE _{LCh}	36, 21.906, 186.673
Yxy	8.7637, 0.2420, 0.3469
Android (android.graphics.Color)	4280048983 (0xFF1C5D57)
YUV	72.8810, 6.9607, -39.3606
Hunter-Lab	29.6035, -14.9435, -0.0789




Details

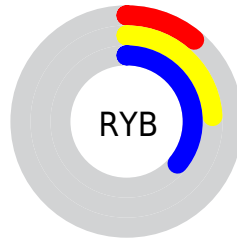
The YUV color **72.8810, 6.9607, -39.3606** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **48.1190, -6.9607, 39.3606**, and the grayscale version is **73.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **124.6640, 6.0816, -37.4163**, and **31.7900, 5.0335, -27.8798** is the 20% darker color. If you saturate the color by 10%, you get **70.0760, 7.8505, -44.7937**, and if you desaturate by 10%, it is **75.6860, 6.0708, -33.9276**.

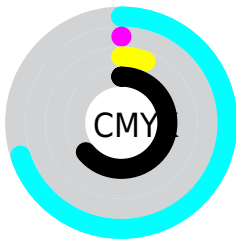
Distribution







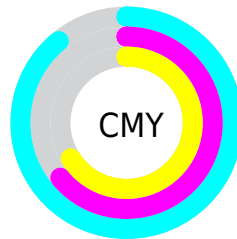
-  Red (11%)
-  Green (36%)
-  Blue (34%)






-  Red (11%)
-  Yellow (24%)
-  Blue (36%)



-  Cyan (70%)
-  Magenta (0%)
-  Yellow (6%)
-  Black (64%)



-  Cyan (89%)
-  Magenta (64%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8810, 6.9607, -39.3606 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 72.8810, 6.9607, -39.3606 by changing the saturation by 10% instead.

■ 72.8810, 6.9607,
-39.3606

■ 72.8810, 6.9607,
-39.3606

■ 255.0000, 0.0000,
0.0000

■ 47.7990, 7.9871,
-41.9197

■ 124.6640, 6.0816,
-37.4163

■ 31.7900, 5.0335,
-27.8798

■ 150.6640, 6.0816,
-37.4163

■ 18.8300, 1.0698,
-16.5139

■ 178.2510, 5.7923,
-37.9311

■ 0.0000, 0.0000,
0.0000

■ 205.9520, 5.9397,
-38.5459

■ 234.5390, 5.6503,
-39.0607

■ 243.9370, 5.4541,

-22.7467

252.6080, 1.1793,
-4.9182

72.8810, 6.9607,
-39.3606

72.8810, 6.9607,
-39.3606

70.0760, 7.8505,
-44.7937

75.6860, 6.0708,
-33.9276

66.9720, 8.8878,
-50.8414

78.7900, 5.0335,
-27.8798

64.1670, 9.7777,
-56.2745

81.5950, 4.1437,
-22.4468

84.2860, 2.8170,
-16.9138

87.0910, 1.9271,
-11.4808

■ 90.1950, 0.8899,
-5.4330

■ 93.0000, 0.0000,
0.0000

■ 95.8050, -0.8899,
5.4330

■ 98.9090, -1.9271,
11.4808

Harmonies

Analogous

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



77.1190, -4.0027, -22.9064



72.8810, 6.9607, -39.3606



70.0460, 16.7393, -49.1523

Triad

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



72.8810, 6.9607, -39.3606



85.7630, 12.9348, 4.5928



83.7070, -15.6316, 20.4280

Complementary

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



72.8810, 6.9607, -39.3606



48.1190, -6.9607, 39.3606

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.



84.2440, -9.9803, 27.8500



72.8810, 6.9607, -39.3606



86.0270, 5.9027, 20.1473

Square

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



72.8810, 6.9607, -39.3606



82.1950, 17.6519, -15.0800



85.1930, -2.5601, 27.8947



81.9890, -16.7566, 7.9026

Rectangle

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



72.8810, 6.9607, -39.3606



73.3720, 19.0436, -41.5452



85.1930, -2.5601, 27.8947



84.0710, -14.3320, 23.6167

Sweetspot

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



72.8810, 6.9607, -39.3606



112.2970, 2.8116, -15.1695



68.2480, -19.8423, -29.1585



56.4010, 1.7743, -9.1217



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



72.8810, 6.9607, -39.3606



88.7750, 10.9569, -61.1927



58.3030, 17.1056, -26.5757



44.3910, 0.3002, -2.9739



75.9700, 11.8468, -66.6257



163.6290, 25.3259, -143.5026

Inverse Universe

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



48.1190, -6.9607, 39.3606



50.2250, -10.9569, 61.1927



62.6970, -17.1056, 26.5757



42.6090, -0.3002, 2.9739



34.0300, -11.8468, 66.6257



73.3710, -25.3259, 143.5026

Previews

White Background



This preview shows how the YUV color 72.8810, 6.9607, -39.3606 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 72.8810, 6.9607, -39.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

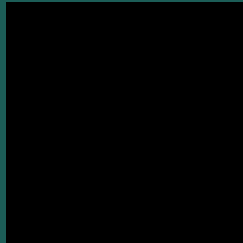
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.8810, 6.9607, -39.3606

Background



This preview shows how black text looks on a background with the YUV color 72.8810, 6.9607, -39.3606.



This preview shows how white text looks on a background with the YUV color 72.8810, 6.9607, -39.3606.

-39.3606.

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

72.8810, 6.9607, -39.3606

Protanopia

83.3700, -1.1684, 1.4295

Deuteranopia

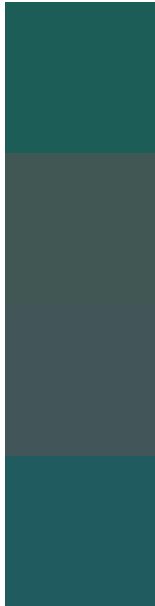
84.1190, 2.8993, 3.4036



Tritanopia

74.8690, 11.8966, -35.8421

Trichromacy



Original Color

72.8810, 6.9607, -39.3606

Protanomaly

79.6670, 1.6432, -13.7400

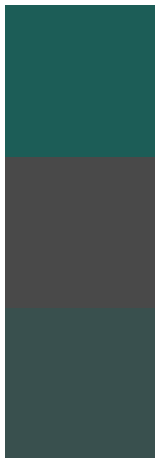
Deuteranomaly

79.7750, 4.5479, -12.0807

Tritanomaly

74.4020, 10.1548, -37.1866

Monochromacy



Original Color

72.8810, 6.9607, -39.3606

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.8950, 2.5168, -13.9399

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8810, 6.9607, -39.3606 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(28, 93, 87)` looks like.

```
.text, #text, p{  
    color:rgb(28, 93, 87)  
}
```

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(28, 93, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 93, 87) }
```

Border

The CSS property to change the border of an element to YUV 72.8810, 6.9607, -39.3606 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(28, 93, 87) }
```


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

```
.border{ border-color:rgb(28, 93, 87) }
```

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

Here you see how a box with a 4 pixel rgb(28, 93, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 93, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 93, 87);  
box-shadow:4px 4px 4px 4px rgb(28, 93, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.8810, 6.9607, -39.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 93, 87) }
```

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

```
.background{ background-color: rgb(28, 93,  
87) }
```

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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