

Converting Colors

YUV(59.3720, 19.0436,
-41.5452)

Have a look what the booklet for
YUV(59.3720, 19.0436, -41.5452)
contains.

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Color

**YUV(59.3720, 19.0436,
-41.5452)**

Conversions

Conversions Part 1

Format	Color
Hex	0C4C62
RGB	12, 76, 98
RGB Percent	5%, 30%, 38%
CMY	0.9529, 0.7020, 0.6157
CMYK	0.88, 0.22, 0.00, 0.62
HSL	195°, 78%, 22%
HSV	195°, 88%, 38%
XYZ	4.9407, 6.1289, 12.4779
YIQ	59.3720, -45.2060, -6.7260

Conversions

Conversions Part 2

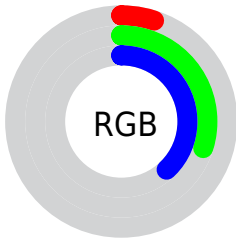
Format	Color
R _Y B	12, 49, 98
Decimal	805986
CIE Lab	29.74, -10.53, -18.29
CIE LCh	30, 21.107, 240.068
Yxy	6.1289, 0.2098, 0.2603
Android (android.graphics.Color)	4278996066 (0xFF0C4C62)
YUV	59.3720, 19.0436, -41.5452
Hunter-Lab	24.7566, -7.7008, -12.5539

Details

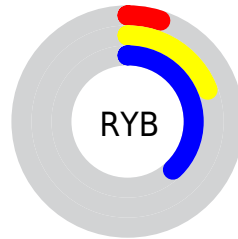
The YUV color **59.3720, 19.0436, -41.5452** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **50.6280, -19.0436, 41.5452**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.1880, 18.1483, -34.3679**, and **24.5980, 13.0162, -21.5724** is the 20% darker color. If you saturate the color by 10%, you get **54.6210, 21.3858, -46.1486**, and if you desaturate by 10%, it is **64.1230, 16.7014, -36.9419**.

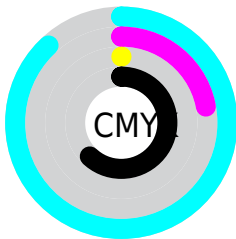
Distribution



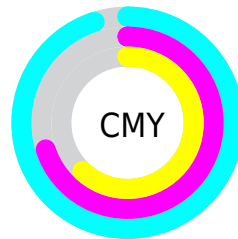
- Red (5%)
- Green (30%)
- Blue (38%)



- Red (5%)
- Yellow (19%)
- Blue (38%)



- Cyan (88%)
- Magenta (22%)
- Yellow (0%)
- Black (62%)



- Cyan (95%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.3720, 19.0436, -41.5452 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 59.3720, 19.0436, -41.5452 by changing the saturation by 10% instead.

■ 59.3720, 19.0436,
-41.5452

■ 59.3720, 19.0436,
-41.5452

■ 255.0000, 0.0000,
0.0000

■ 39.5470, 16.9853,
-34.6827

■ 112.1880, 18.1483,
-34.3679

■ 24.5980, 13.0162,
-21.5724

■ 138.1880, 18.1483,
-34.3679

■ 4.7080, 12.9620,
-4.1289

■ 164.7150, 18.8745,
-33.9531

■ 0.1140, 0.4368,
-0.1000

■ 192.4160, 19.0219,
-34.5678

■ 0.0000, 0.0000,
0.0000

■ 219.9600, 17.2747,
-34.1679

■ 241.5450, 6.6333,

-27.6650

■ 249.9170, 2.5059,
-10.4512

■ 59.3720, 19.0436,
-41.5452

■ 59.3720, 19.0436,
-41.5452

■ 54.6210, 21.3858,
-46.1486

■ 64.1230, 16.7014,
-36.9419

■ 54.0230, 21.6807,
-47.3782

■ 68.2870, 14.6485,
-31.8237

■ 72.7390, 12.4537,
-27.8351

■ 76.9030, 10.4008,
-22.7169

■ 81.6540, 8.0586,
-18.1136

■ 85.8180, 6.0057,
-12.9954

■ 90.5690, 3.6635,
-8.3920

■ 94.4340, 1.7580,
-3.8886

■ 99.1850, -0.5842,
0.7148

Harmonies

Analogous

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



55.5900, 14.9921, -48.7524



59.3720, 19.0436, -41.5452



67.7600, 17.3733, -19.0835

Triad

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



59.3720, 19.0436, -41.5452



71.4530, -0.2233, 25.0357



67.2480, -12.9403, -2.8485

Complementary

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



59.3720, 19.0436, -41.5452



50.6280, -19.0436, 41.5452

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.



68.9400, -15.7464, 10.5766



59.3720, 19.0436, -41.5452



70.9880, -8.3751, 26.3205

Square

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



59.3720, 19.0436, -41.5452



72.3470, 7.2239, 16.3587



69.8750, -13.7424, 21.1576



64.3970, -5.6187, -17.8882

Rectangle

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



59.3720, 19.0436, -41.5452



70.5660, 15.0040, -5.7584



69.8750, -13.7424, 21.1576



67.6400, -14.1195, 2.0697

Sweetspot

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



59.3720, 19.0436, -41.5452



112.5510, 7.6164, -16.2692



64.9900, -15.2781, -46.4722



55.0850, 4.3951, -9.7215



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



59.3720, 19.0436, -41.5452



70.3570, 28.4180, -61.7031



34.7180, 31.1980, -19.9237



46.2170, 0.8790, -1.9443



61.4890, 24.9019, -53.9259



131.8460, 53.3199, -115.6289

Inverse Universe

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



45.0100, 15.2781, 46.4722



49.1020, 22.6277, 69.1935



75.8690, -31.4874, 19.4089



45.5380, 0.7208, 2.1592



42.9500, 19.7447, 60.5568



92.0520, 42.3724, 129.7504

Previews

White Background



This preview shows how the YUV color 59.3720, 19.0436, -41.5452 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 59.3720, 19.0436, -41.5452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

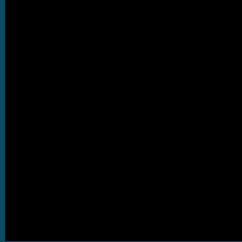
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.3720, 19.0436, -41.5452

Background



This preview shows how black text looks on a background with the YUV color 59.3720, 19.0436, -41.5452.



This preview shows how white text looks on a background with the YUV color 59.3720, 19.0436,

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

59.3720, 19.0436, -41.5452

Protanopia

70.2410, 11.2202, -5.4734

Deuteranopia

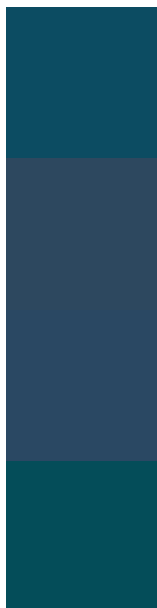
69.5440, 15.0148, -9.2471



Tritanopia

55.3620, 14.1185, -48.5525

Trichromacy



Original Color

59.3720, 19.0436, -41.5452

Protanomaly

66.5490, 14.0263, -18.8985

Deuteranomaly

66.1080, 16.2158, -21.1427

Tritanomaly

56.5410, 16.0023, -46.0785

Monochromacy



Original Color

59.3720, 19.0436, -41.5452

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.0350, 6.8847, -14.9397

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.3720, 19.0436, -41.5452 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(12, 76, 98)` looks like.

```
.text, #text, p{  
    color:rgb(12, 76, 98)  
}
```

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(12, 76, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 76, 98) }
```

Border

The CSS property to change the border of an element to YUV 59.3720, 19.0436, -41.5452 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(12, 76, 98) }
```


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

```
.border{ border-color:rgb(12, 76, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 76, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 76, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 76, 98);  
box-shadow:4px 4px 4px 4px rgb(12, 76, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.3720, 19.0436, -41.5452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 76, 98) }
```

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

```
.background{ background-color: rgb(12, 76,  
98) }
```

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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