

Converting Colors

YUV(74.3960, 9.1718, -48.5823)

Have a look what the booklet for
YUV(74.3960, 9.1718, -48.5823)
contains.

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Color

**YUV(74.3960, 9.1718,
-48.5823)**

Conversions

Conversions Part 1

Format	Color
Hex	13635D
RGB	19, 99, 93
RGB Percent	7%, 39%, 36%
CMY	0.9255, 0.6118, 0.6353
CMYK	0.81, 0.00, 0.06, 0.61
HSL	176°, 68%, 23%
HSV	176°, 81%, 39%
XYZ	6.7062, 9.8524, 11.9042
YIQ	74.3960, -45.7540, -18.8260

Conversions

Conversions Part 2

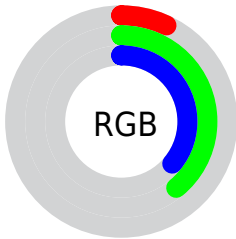
Format	Color
R_{YB}	19, 61, 99
Decimal	1270621
CIE Lab	37.58, -24.32, -3.26
CIE LCh	38, 24.541, 187.635
Yxy	9.8524, 0.2356, 0.3462
Android (android.graphics.Color)	4279460701 (0xFF13635D)
YUV	74.3960, 9.1718, -48.5823
Hunter-Lab	31.3886, -16.7935, -0.5138

Details

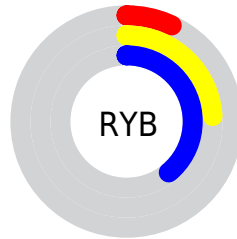
The YUV color **74.3960, 9.1718, -48.5823** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **43.6040, -9.1718, 48.5823**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.6740, 7.5557, -43.5641**, and **35.8820, 5.4812, -31.4685** is the 20% darker color. If you saturate the color by 10%, you get **71.2920, 10.2090, -54.6301**, and if you desaturate by 10%, it is **77.5000, 8.1345, -42.5345**.

Distribution



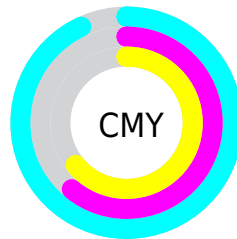
- Red (7%)
- Green (39%)
- Blue (36%)



- Red (7%)
- Yellow (24%)
- Blue (39%)



- Cyan (81%)
- Magenta (0%)
- Yellow (6%)
- Black (61%)



- Cyan (93%)
- Magenta (61%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.3960, 9.1718, -48.5823 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 74.3960, 9.1718, -48.5823 by changing the saturation by 10% instead.

74.3960, 9.1718,
-48.5823

74.3960, 9.1718,
-48.5823

255.0000, 0.0000,
0.0000

51.8910, 8.4347,
-45.5084

127.6740, 7.5557,
-43.5641

35.8820, 5.4812,
-31.4685

154.6740, 7.5557,
-43.5641

21.7480, 2.0962,
-19.0730

182.2610, 7.2663,
-44.0789

0.0000, 0.0000,
0.0000

210.2610, 7.2663,
-44.0789

234.7390, 9.0027,
-40.9901

243.6380, 5.6015,

-23.3615

■ 252.3090, 1.3267,
-5.5330

■ 74.3960, 9.1718,
-48.5823

■ 74.3960, 9.1718,
-48.5823

■ 71.2920, 10.2090,
-54.6301

■ 77.5000, 8.1345,
-42.5345

■ 68.6010, 11.5357,
-60.1631

■ 80.4900, 6.6604,
-36.3867

■ 83.5940, 5.6232,
-30.3389

■ 86.6980, 4.5859,
-24.2911

■ 89.8020, 3.5486,
-18.2434

■ 92.4930, 2.2220,
-12.7104

■ 95.5970, 1.1847,
-6.6626

■ 98.7010, 0.1474,
-0.6148

■ 101.8050, -0.8899,
5.4330

Harmonies

Analogous

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



80.7980, -3.8444, -27.0098



74.3960, 9.1718, -48.5823



70.2940, 20.5611, -61.6478

Triad

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



74.3960, 9.1718, -48.5823



90.2300, 14.6766, 5.9373



88.1480, -17.8210, 22.6722

Complementary

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



74.3960, 9.1718, -48.5823



43.6040, -9.1718, 48.5823

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.



89.3970, -12.0277, 31.2238



74.3960, 9.1718, -48.5823



90.8640, 6.4760, 22.9213

Square

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



74.3960, 9.1718, -48.5823



87.0530, 19.6939, -16.7095



90.1010, -3.0078, 31.4834



86.5330, -18.5038, 8.3026

Rectangle

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



74.3960, 9.1718, -48.5823



74.6310, 22.8599, -52.2964



90.1010, -3.0078, 31.4834



88.6260, -16.0846, 25.7610

Sweetspot

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



74.3960, 9.1718, -48.5823



118.3890, 3.2592, -18.7582



68.0530, -24.1831, -36.8805



58.0910, 1.9271, -11.4808



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.



74.3960, 9.1718, -48.5823



89.7840, 13.9105, -75.2326



55.7090, 21.3425, -32.1938



46.8040, 0.5896, -2.4591



77.6000, 13.0152, -68.0552



166.1880, 27.5153, -145.7469

Inverse Universe

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



43.6040, -9.1718, 48.5823



42.1020, -14.3473, 75.3325



62.2910, -21.3425, 32.1938



45.1960, -0.5896, 2.4591



34.4000, -13.0152, 68.0552



73.8120, -27.5153, 145.7469

Previews

White Background



This preview shows how the YUV color 74.3960, 9.1718, -48.5823 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 74.3960, 9.1718, -48.5823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

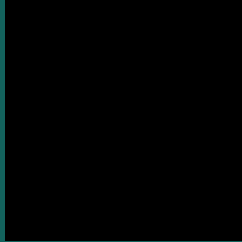
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.3960, 9.1718, -48.5823

Background



This preview shows how black text looks on a background with the YUV color 74.3960, 9.1718, -48.5823.



This preview shows how white text looks on a background with the YUV color 74.3960, 9.1718, -48.5823.

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

74.3960, 9.1718, -48.5823

Protanopia

88.3700, -1.1684, 1.4295

Deuteranopia

89.2330, 3.3361, 3.3037



Tritanopia

77.5800, 13.5181, -42.6047

Trichromacy



Original Color

74.3960, 9.1718, -48.5823

Protanomaly

83.2860, 2.8170, -16.9138

Deuteranomaly

83.9810, 5.4324, -15.7693

Tritanomaly

76.5150, 12.0711, -45.1787

Monochromacy



Original Color

74.3960, 9.1718, -48.5823

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.1010, 3.4012, -17.6286

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.3960, 9.1718, -48.5823 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(19, 99, 93)` looks like.

```
.text, #text, p{  
    color:rgb(19, 99, 93)  
}
```

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(19, 99, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 99, 93) }
```

Border

The CSS property to change the border of an element to YUV 74.3960, 9.1718, -48.5823 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(19, 99, 93) }
```


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

```
.border{ border-color:rgb(19, 99, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 99, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 99, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 99, 93);  
box-shadow:4px 4px 4px 4px rgb(19, 99, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.3960, 9.1718, -48.5823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 99, 93) }
```

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

```
.background{ background-color: rgb(19, 99,  
93) }
```

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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