

Converting Colors

YUV(69.4820, 12.0874,
-50.4117)

Have a look what the booklet for
YUV(69.4820, 12.0874, -50.4117)
contains.

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Color

**YUV(69.4820, 12.0874,
-50.4117)**

Conversions

Conversions Part 1

Format	Color
Hex	0C5E5E
RGB	12, 94, 94
RGB Percent	5%, 37%, 37%
CMY	0.9529, 0.6314, 0.6314
CMYK	0.87, 0.00, 0.00, 0.63
HSL	180°, 77%, 21%
HSV	180°, 87%, 37%
XYZ	6.1747, 8.8917, 11.9805
YIQ	69.4820, -48.8720, -17.3840

Conversions

Conversions Part 2

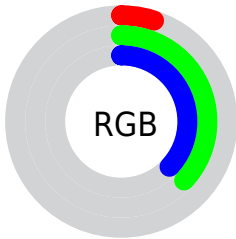
Format	Color
R_{YB}	12, 53, 94
Decimal	810590
CIE _{Lab}	35.77, -22.17, -6.57
CIE _{LCh}	36, 23.121, 196.509
Yxy	8.8917, 0.2283, 0.3288
Android (android.graphics.Color)	4279000670 (0xFF0C5E5E)
YUV	69.4820, 12.0874, -50.4117
Hunter-Lab	29.8190, -15.2207, -2.9479

Details

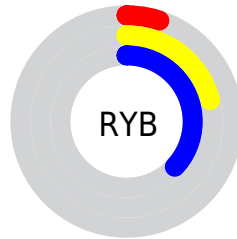
The YUV color **69.4820, 12.0874, -50.4117** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **36.5180, -12.0874, 50.4117**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.9560, 9.8817, -42.9344**, and **33.0610, 7.3649, -28.9945** is the 20% darker color. If you saturate the color by 10%, you get **66.7910, 13.4140, -55.9447**, and if you desaturate by 10%, it is **72.1730, 10.7607, -44.8787**.

Distribution



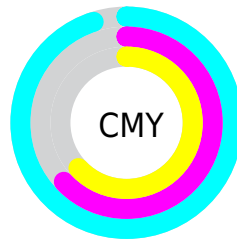
- Red (5%)
- Green (37%)
- Blue (37%)



- Red (5%)
- Yellow (21%)
- Blue (37%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (63%)



- Cyan (95%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.4820, 12.0874, -50.4117 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 69.4820, 12.0874, -50.4117 by changing the saturation by 10% instead.

■ 69.4820, 12.0874,
-50.4117

■ 69.4820, 12.0874,
-50.4117

■ 255.0000, 0.0000,
0.0000

■ 49.0700, 10.3185,
-43.0344

■ 123.9560, 9.8817,
-42.9344

■ 33.0610, 7.3649,
-28.9945

■ 150.0700, 10.3185,
-43.0344

■ 19.5140, 3.6906,
-17.1138

■ 177.9560, 9.8817,
-42.9344

■ 0.0000, 0.0000,
0.0000

■ 205.6570, 10.0291,
-43.5492

■ 233.7710, 10.4659,
-43.6492

■ 242.4420, 6.1911,

-25.8206

251.1130, 1.9163,
-7.9921

69.4820, 12.0874,
-50.4117

69.4820, 12.0874,
-50.4117

66.7910, 13.4140,
-55.9447

72.1730, 10.7607,
-44.8787

65.8940, 13.8563,
-57.7890

75.1630, 9.2866,
-38.7310

77.8540, 7.9600,
-33.1980

80.8440, 6.4859,
-27.0502

83.5350, 5.1592,
-21.5172

■ 86.2260, 3.8326,
-15.9842

■ 89.2160, 2.3585,
-9.8364

■ 91.9070, 1.0318,
-4.3034

■ 94.8970, -0.4422,
1.8443

Harmonies

Analogous

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



75.4000, -0.1972, -30.1688



69.4820, 12.0874, -50.4117



68.3380, 20.5394, -54.6704

Triad

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



69.4820, 12.0874, -50.4117



86.7530, 11.4608, 10.7406



83.5280, -17.5153, 17.9539

Complementary

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



69.4820, 12.0874, -50.4117



36.5180, -12.0874, 50.4117

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.



84.7340, -13.1799, 27.4203



69.4820, 12.0874, -50.4117



86.6640, 3.1236, 24.8507

Square

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



69.4820, 12.0874, -50.4117



83.8260, 17.3408, -8.6174



85.5200, -5.1864, 30.2390



81.6680, -16.5983, 3.7992

Rectangle

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



69.4820, 12.0874, -50.4117



75.2520, 21.0748, -39.6860



85.5200, -5.1864, 30.2390



83.8920, -16.2158, 21.1427

Sweetspot

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



69.4820, 12.0874, -50.4117



112.7310, 4.5696, -19.0581



60.1340, -23.7301, -42.2135



55.3190, 2.8007, -11.6808



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.



69.4820, 12.0874, -50.4117



85.5220, 17.9837, -75.0028



45.4150, 23.9524, -29.3050



44.5050, 0.7370, -3.0739



77.1100, 16.2148, -67.6255



166.1370, 34.9355, -145.7021

Inverse Universe

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



45.8660, 23.7301, 42.2135



50.3860, 35.3057, 62.8055



60.5850, -23.9524, 29.3050



43.0650, 1.4470, 2.5740



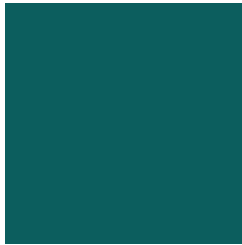
45.4300, 31.8330, 56.6279



97.8810, 68.5857, 122.0074

Previews

White Background



This preview shows how the YUV color 69.4820, 12.0874, -50.4117 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 69.4820, 12.0874, -50.4117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

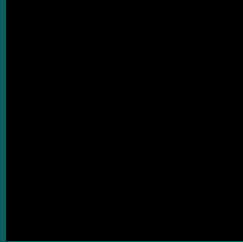
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.4820, 12.0874, -50.4117

Background



This preview shows how black text looks on a background with the YUV color 69.4820, 12.0874, -50.4117.



This preview shows how white text looks on a background with the YUV color 69.4820, 12.0874,

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

69.4820, 12.0874, -50.4117

Protanopia

83.8690, 2.0366, 0.1149

Deuteranopia

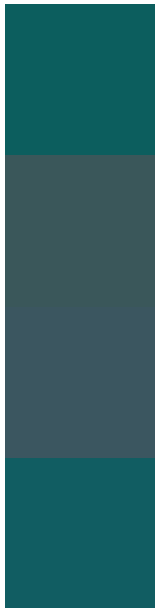
84.9060, 5.9623, 0.9594



Tritanopia

72.0850, 14.2551, -45.6785

Trichromacy



Original Color

69.4820, 12.0874, -50.4117

Protanomaly

78.6710, 5.5852, -18.1285

Deuteranomaly

79.0670, 8.3480, -17.5988

Tritanomaly

70.8460, 13.3869, -47.2229

Monochromacy



Original Color

69.4820, 12.0874, -50.4117

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0300, 4.4222, -18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.4820, 12.0874, -50.4117 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, 94, 94)` looks like.

```
.text, #text, p{  
    color:rgb(12, 94, 94)  
}
```

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, 94, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 94, 94) }
```

Border

The CSS property to change the border of an element to YUV 69.4820, 12.0874, -50.4117 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, 94, 94) }
```


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

```
.border{ border-color:rgb(12, 94, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 94, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 94, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 94, 94);  
box-shadow:4px 4px 4px 4px rgb(12, 94, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.4820, 12.0874, -50.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 94, 94) }
```

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

```
.background{ background-color: rgb(12, 94,  
94) }
```

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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