

Converting Colors

YUV(69.6680, 10.0237,
-41.8048)

Have a look what the booklet for
YUV(69.6680, 10.0237, -41.8048)
contains.

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Color

**YUV(69.6680, 10.0237,
-41.8048)**

Conversions

Conversions Part 1

Format	Color
Hex	165A5A
RGB	22, 90, 90
RGB Percent	9%, 35%, 35%
CMY	0.9137, 0.6471, 0.6471
CMYK	0.76, 0.00, 0.00, 0.65
HSL	180°, 61%, 22%
HSV	180°, 76%, 35%
XYZ	5.8325, 8.2211, 10.9523
YIQ	69.6680, -40.5280, -14.4160

Conversions

Conversions Part 2

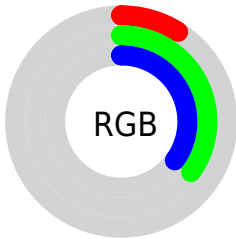
Format	Color
R_{YB}	22, 56, 90
Decimal	1464922
CIE _{Lab}	34.44, -20.19, -6.05
CIE _{LCh}	34, 21.081, 196.676
Yxy	8.2211, 0.2332, 0.3288
Android (android.graphics.Color)	4279655002 (0xFF165A5A)
YUV	69.6680, 10.0237, -41.8048
Hunter-Lab	28.6724, -13.8666, -2.5769

Details

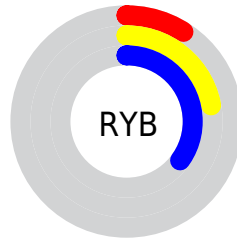
The YUV color **69.6680, 10.0237, -41.8048** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **42.3320, -10.0237, 41.8048**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.4620, 9.1392, -38.1162**, and **30.9580, 6.9227, -27.1502** is the 20% darker color. If you saturate the color by 10%, you get **66.9770, 11.3503, -47.3378**, and if you desaturate by 10%, it is **72.3590, 8.6970, -36.2718**.

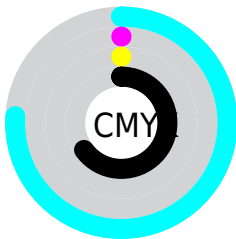
Distribution



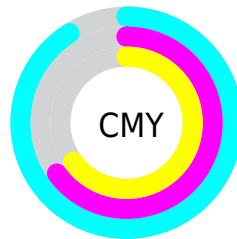
- Red (9%)
- Green (35%)
- Blue (35%)



- Red (9%)
- Yellow (22%)
- Blue (35%)



- Cyan (76%)
- Magenta (0%)
- Yellow (0%)
- Black (65%)



- Cyan (91%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.6680, 10.0237, -41.8048 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 69.6680, 10.0237, -41.8048 by changing the saturation by 10% instead.

■ 69.6680, 10.0237,
-41.8048

■ 69.6680, 10.0237,
-41.8048

■ 255.0000, 0.0000,
0.0000

■ 46.3800, 10.1657,
-40.6753

■ 121.4620, 9.1392,
-38.1162

■ 30.9580, 6.9227,
-27.1502

■ 148.0490, 8.8498,
-38.6310

■ 17.4110, 3.2484,
-15.2694

■ 175.0490, 8.8498,
-38.6310

■ 0.0000, 0.0000,
0.0000

■ 202.7500, 8.9972,
-39.2458

■ 231.4510, 9.1447,
-39.8605

■ 243.0400, 5.8963,

-24.5911

251.7110, 1.6215,
-6.7625

69.6680, 10.0237,
-41.8048

69.6680, 10.0237,
-41.8048

66.9770, 11.3503,
-47.3378

72.3590, 8.6970,
-36.2718

64.2860, 12.6770,
-52.8708

75.0500, 7.3704,
-30.7388

63.0900, 13.2666,
-55.3299

77.7410, 6.0437,
-25.2059

80.4320, 4.7170,
-19.6729

83.1230, 3.3904,
-14.1399

■ 85.8140, 2.0637,
-8.6069

■ 88.5050, 0.7370,
-3.0739

■ 91.1960, -0.5896,
2.4591

■ 93.8870, -1.9163,
7.9921

Harmonies

Analogous

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



74.0090, -0.4974, -27.1949



69.6680, 10.0237, -41.8048



69.6060, 17.4492, -43.5045

Triad

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



69.6680, 10.0237, -41.8048



83.1120, 10.2978, 10.4258



80.2720, -15.9101, 16.4245

Complementary

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



69.6680, 10.0237, -41.8048



42.3320, -10.0237, 41.8048

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.



81.6520, -12.1534, 24.8612



69.6680, 10.0237, -41.8048



83.2400, 2.8397, 22.5915

Square

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



69.6680, 10.0237, -41.8048



80.7830, 15.8830, -7.7027



82.2100, -5.0335, 27.8798



79.0100, -15.2879, 3.4992

Rectangle

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



69.6680, 10.0237, -41.8048



73.6010, 18.4377, -33.8531



82.2100, -5.0335, 27.8798



80.6360, -14.6105, 19.6132

Sweetspot

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



69.6680, 10.0237, -41.8048



108.9270, 3.9800, -16.5990



61.9160, -19.6786, -35.0063



53.9170, 2.5059, -10.4512



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



69.6680, 10.0237, -41.8048



85.3060, 15.6251, -65.1664



49.7100, 19.8630, -24.3017



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.



50.0840, 19.6786, 35.0063



54.7780, 30.6754, 54.5687



62.2900, -19.8630, 24.3017



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 69.6680, 10.0237, -41.8048 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 69.6680, 10.0237, -41.8048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

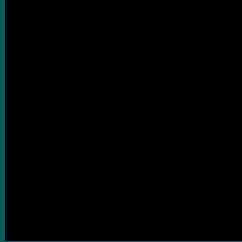
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.6680, 10.0237, -41.8048

Background



This preview shows how black text looks on a background with the YUV color 69.6680, 10.0237, -41.8048.

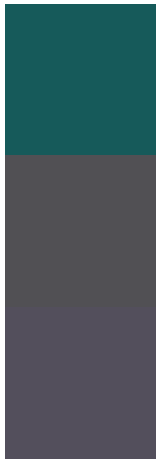


This preview shows how white text looks on a background with the YUV color 69.6680, 10.0237,

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

69.6680, 10.0237, -41.8048

Protanopia

80.7550, 1.5998, 0.2149

Deuteranopia

81.6780, 5.0887, 1.1594



Tritanopia

71.2600, 12.1968, -38.8160

Trichromacy



Original Color

69.6680, 10.0237, -41.8048

Protanomaly

77.0520, 4.4114, -14.9546

Deuteranomaly

77.3340, 6.7373, -14.3249

Tritanomaly

70.4340, 11.6180, -39.8456

Monochromacy



Original Color

69.6680, 10.0237, -41.8048

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8240, 3.5378, -14.7546

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.6680, 10.0237, -41.8048 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(22, 90, 90)` looks like.

```
.text, #text, p{  
    color:rgb(22, 90, 90)  
}
```

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(22, 90, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 90, 90) }
```

Border

The CSS property to change the border of an element to YUV 69.6680, 10.0237, -41.8048 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(22, 90, 90) }
```


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

```
.border{ border-color:rgb(22, 90, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 90, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 90, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 90, 90);  
box-shadow:4px 4px 4px 4px rgb(22, 90, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.6680, 10.0237, -41.8048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 90, 90) }
```

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

```
.background{ background-color: rgb(22, 90,  
90) }
```

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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