

Converting Colors

YUV(76.1890, 13.2178,
-39.6308)

Have a look what the booklet for
YUV(76.1890, 13.2178, -39.6308)
contains.

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Color

**YUV(76.1890, 13.2178,
-39.6308)**

Conversions

Conversions Part 1

Format	Color
Hex	1F5E67
RGB	31, 94, 103
RGB Percent	12%, 37%, 40%
CMY	0.8784, 0.6314, 0.5961
CMYK	0.70, 0.09, 0.00, 0.60
HSL	188°, 54%, 26%
HSV	188°, 70%, 40%
XYZ	7.0160, 9.2760, 14.2526
YIQ	76.1890, -40.4370, -10.5570

Conversions

Conversions Part 2

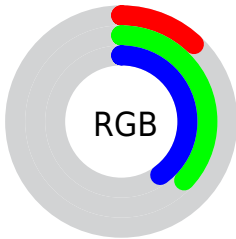
Format	Color
R_{YB}	31, 65, 103
Decimal	2055783
CIE _{Lab}	36.51, -16.60, -11.01
CIE _{LCh}	37, 19.917, 213.571
Yxy	9.2760, 0.2297, 0.3037
Android (android.graphics.Color)	4280245863 (0xFF1F5E67)
YUV	76.1890, 13.2178, -39.6308
Hunter-Lab	30.4565, -12.1796, -6.4262

Details

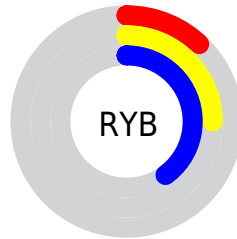
The YUV color **76.1890, 13.2178, -39.6308** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **57.8110, -13.2178, 39.6308**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.3850, 12.6282, -37.1716**, and **34.5600, 10.5699, -30.3091** is the 20% darker color. If you saturate the color by 10%, you get **72.6120, 14.9813, -45.2637**, and if you desaturate by 10%, it is **79.7660, 11.4544, -33.9978**.

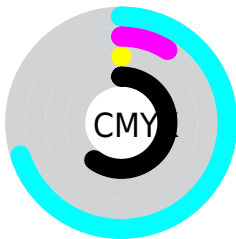
Distribution



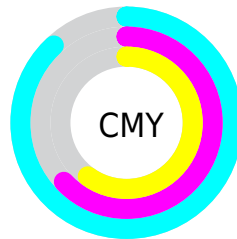
- Red (12%)
- Green (37%)
- Blue (40%)



- Red (12%)
- Yellow (25%)
- Blue (40%)



- Cyan (70%)
- Magenta (9%)
- Yellow (0%)
- Black (60%)



- Cyan (88%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.1890, 13.2178, -39.6308 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 76.1890, 13.2178, -39.6308 by changing the saturation by 10% instead.

76.1890, 13.2178,
-39.6308

76.1890, 13.2178,
-39.6308

255.0000, 0.0000,
0.0000

50.0960, 14.2497,
-43.9342

128.3850, 12.6282,
-37.1716

34.5600, 10.5699,
-30.3091

154.4990, 13.0650,
-37.2716

20.4260, 7.1850,
-17.9136

182.0860, 12.7756,
-37.7864

1.3680, 5.2416,
-1.1997

210.2000, 13.2124,
-37.8864

0.0000, 0.0000,
0.0000

237.0600, 8.8444,
-36.8866

245.4320, 4.7170,

-19.6729

254.4020, 0.2948,
-1.2296

■ 76.1890, 13.2178,
-39.6308

■ 76.1890, 13.2178,
-39.6308

■ 72.6120, 14.9813,
-45.2637

■ 79.7660, 11.4544,
-33.9978

■ 68.1490, 17.1815,
-50.9967

■ 84.2290, 9.2541,
-28.2648

■ 64.5720, 18.9450,
-56.6296

■ 87.8060, 7.4906,
-22.6319

■ 91.3830, 5.7272,
-16.9989

■ 95.2590, 3.8163,
-10.7511

■ 99.4230, 1.7635,
-5.6330

■ 103.0000, 0.0000,
0.0000

■ 106.5770, -1.7635,
5.6330

■ 111.0400, -3.9637,
11.3659

Harmonies

Analogous

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



77.9420, 4.4656, -32.3981



76.1890, 13.2178, -39.6308



79.2700, 17.1219, -31.8088

Triad

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



76.1890, 13.2178, -39.6308



88.3040, 5.7661, 17.2734



85.0430, -15.3042, 8.7323

Complementary

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



76.1890, 13.2178, -39.6308



57.8110, -13.2178, 39.6308

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.



86.1630, -13.8844, 20.0280



76.1890, 13.2178, -39.6308



88.1110, -1.5337, 25.3357

Square

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



76.1890, 13.2178, -39.6308



87.6380, 12.5035, 2.9485



86.8740, -8.8119, 26.4205



82.8780, -11.7719, -4.2780

Rectangle

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



76.1890, 13.2178, -39.6308



82.6350, 16.9419, -20.7279



86.8740, -8.8119, 26.4205



85.3640, -15.4625, 12.8358

Sweetspot

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



76.1890, 13.2178, -39.6308



124.8670, 4.9956, -15.6694



74.1760, -17.3418, -37.8654



62.7430, 3.0847, -9.4216



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



76.1890, 13.2178, -39.6308



92.9950, 20.7085, -62.2626



55.6440, 23.3465, -21.6128



48.9180, 1.0264, -2.5591



71.8100, 21.2927, -62.9774



152.0320, 44.3542, -133.3321

Inverse Universe

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



59.7100, 16.9050, 37.9653



67.0730, 26.5860, 59.5720



78.3560, -23.3465, 21.6128



47.9510, 1.0102, 2.6740



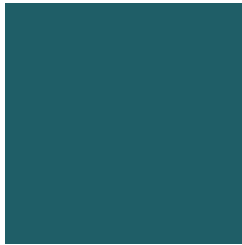
45.7850, 26.7280, 60.7016



96.5260, 56.9287, 127.5807

Previews

White Background



This preview shows how the YUV color 76.1890, 13.2178, -39.6308 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 76.1890, 13.2178, -39.6308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

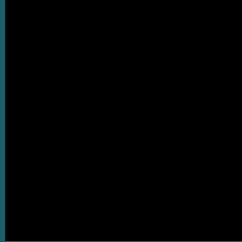
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.1890, 13.2178, -39.6308

Background



This preview shows how black text looks on a background with the YUV color 76.1890, 13.2178, -39.6308.



This preview shows how white text looks on a background with the YUV color 76.1890, 13.2178,

-39.6308.

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

76.1890, 13.2178, -39.6308

Protanopia

86.0690, 5.3890, -1.8145

Deuteranopia

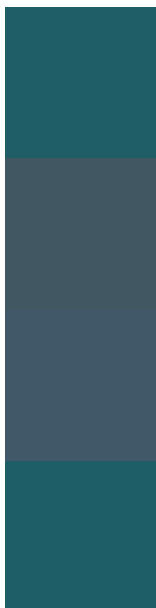
86.3940, 9.1728, -2.0995



Tritanopia

75.7760, 12.9284, -40.1456

Trichromacy



Original Color

76.1890, 13.2178, -39.6308

Protanomaly

82.3770, 8.1951, -15.2396

Deuteranomaly

82.9470, 10.3791, -15.7395

Tritanomaly

75.7760, 12.9284, -40.1456

Monochromacy



Original Color

76.1890, 13.2178, -39.6308

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.4650, 4.7008, -14.4398

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.1890, 13.2178, -39.6308 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(31, 94, 103)` looks like.

```
.text, #text, p{  
    color:rgb(31, 94, 103)  
}
```

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(31, 94, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 94, 103) }
```

Border

The CSS property to change the border of an element to YUV 76.1890, 13.2178, -39.6308 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(31, 94, 103) }
```


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

```
.border{ border-color:rgb(31, 94, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 94, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 94, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 94, 103);  
box-shadow:4px 4px 4px 4px rgb(31, 94,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 76.1890, 13.2178, -39.6308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 94, 103) }
```

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

```
.background{ background-color: rgb(31, 94,  
103) }
```

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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