

Converting Colors

YUV(39.8980, 11.3893,
-13.0655)

Have a look what the booklet for
YUV(39.8980, 11.3893, -13.0655)
contains.

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Color

**YUV(39.8980, 11.3893,
-13.0655)**

Conversions

Conversions Part 1

Format	Color
Hex	192B3F
RGB	25, 43, 63
RGB Percent	10%, 17%, 25%
CMY	0.9020, 0.8314, 0.7529
CMYK	0.60, 0.32, 0.00, 0.75
HSL	212°, 43%, 17%
HSV	212°, 60%, 25%
XYZ	2.1620, 2.2933, 5.0313
YIQ	39.8980, -17.1480, 2.4040

Conversions

Conversions Part 2

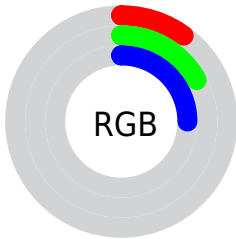
Format	Color
R_{YB}	25, 37, 63
Decimal	1649471
CIE _{Lab}	16.96, -0.39, -14.95
CIE _{LCh}	17, 14.952, 268.519
Yxy	2.2933, 0.2279, 0.2417
Android (android.graphics.Color)	4279839551 (0xFF192B3F)
YUV	39.8980, 11.3893, -13.0655
Hunter-Lab	15.1437, -1.0179, -9.0979

Details

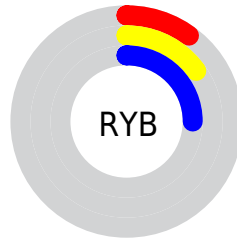
The YUV color **39.8980, 11.3893, -13.0655** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.1020, -11.3893, 13.0655**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.8380, 12.4049, -12.1359**, and **2.8670, 8.4466, -2.5144** is the 20% darker color. If you saturate the color by 10%, you get **36.3430, 13.1419, -15.2098**, and if you desaturate by 10%, it is **43.4530, 9.6367, -10.9213**.

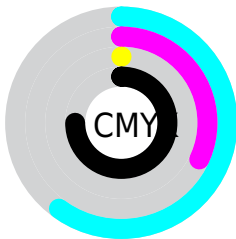
Distribution



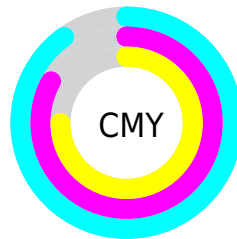
- Red (10%)
- Green (17%)
- Blue (25%)



- Red (10%)
- Yellow (15%)
- Blue (25%)



- Cyan (60%)
- Magenta (32%)
- Yellow (0%)
- Black (75%)



- Cyan (90%)
- Magenta (83%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.8980, 11.3893, -13.0655 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 39.8980, 11.3893, -13.0655 by changing the saturation by 10% instead.

■ 39.8980, 11.3893,
-13.0655

■ 39.8980, 11.3893,
-13.0655

■ 255.0000, 0.0000,
0.0000

■ 18.7730, 10.9579,
-14.7099

■ 85.8380, 12.4049,
-12.1359

■ 2.8670, 8.4466,
-2.5144

■ 110.5390, 12.5523,
-12.7507

■ 0.0000, 0.0000,
0.0000

■ 135.6530, 12.9891,
-12.8507

■ 161.7670, 13.4259,
-12.9507

■ 188.8810, 13.8627,
-13.0506

■ 216.9950, 14.2995,

-13.1506

■ 243.4160, 5.7109,
-11.7658

■ 39.8980, 11.3893,
-13.0655

■ 39.8980, 11.3893,
-13.0655

■ 36.3430, 13.1419,
-15.2098

■ 43.4530, 9.6367,
-10.9213

■ 31.9020, 15.3313,
-17.4541

■ 47.8940, 7.4473,
-8.6770

■ 28.3470, 17.0839,
-19.5983

■ 51.4490, 5.6946,
-6.5328

■ 24.7920, 18.8365,
-21.7426

■ 55.0040, 3.9420,
-4.3885

■ 59.4450, 1.7526,
-2.1443

■ 63.0000, 0.0000,
0.0000

■ 66.5550, -1.7526,
2.1443

■ 70.6970, -3.7946,
3.7737

■ 74.5510, -5.6946,
6.5328

Harmonies

Analogous

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



35.3370, 12.1589, -26.6055



39.8980, 11.3893, -13.0655



42.4050, 9.1673, -0.3552

Triad

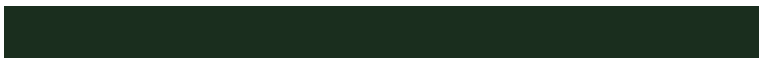
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.8980, 11.3893, -13.0655



42.1440, -5.0010, 17.4137



38.1960, -4.0406, -10.6959

Complementary

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



39.8980, 11.3893, -13.0655



48.1020, -11.3893, 13.0655

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.



39.8120, -8.2883, -1.5891



39.8980, 11.3893, -13.0655



41.7970, -8.7739, 14.2100

Square

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



39.8980, 11.3893, -13.0655



42.5120, 0.2406, 16.2140



40.9980, -10.3520, 7.0178



35.2530, 2.8333, -22.1469

Rectangle

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



39.8980, 11.3893, -13.0655



43.3520, 6.2355, 6.7073



40.9980, -10.3520, 7.0178



39.0500, -5.9406, -7.9368

Sweetspot

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



39.8980, 11.3893, -13.0655



72.8190, 4.5262, -5.1033



49.5860, -2.2609, -21.5619



35.3740, 2.7736, -2.9590



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



39.8980, 11.3893, -13.0655



46.1620, 17.6681, -20.3131



29.6310, 16.4509, -3.1844



28.9290, 1.0210, -0.8147



37.1310, 28.0364, -32.5639



86.9430, 66.5831, -76.2490

Inverse Universe

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



38.4140, 2.2609, 21.5619



43.8330, 3.5333, 33.4725



58.3690, -16.4509, 3.1844



29.0110, -0.0054, 1.7444



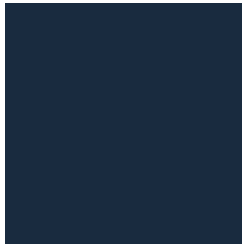
33.2360, 5.7997, 53.2900



78.3480, 13.1394, 125.9828

Previews

White Background



This preview shows how the YUV color 39.8980, 11.3893, -13.0655 looks on a white background.

Color Contrast Check

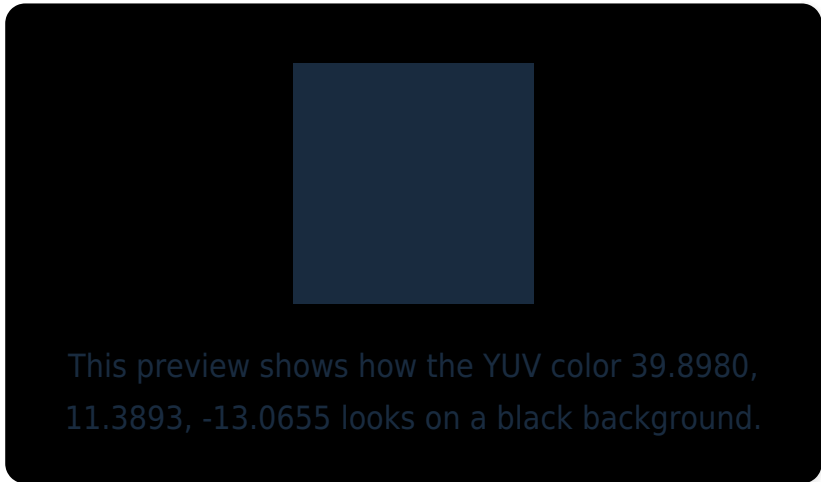
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

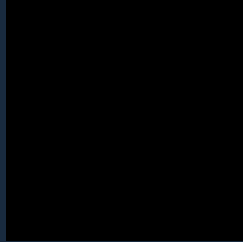
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

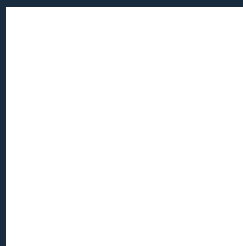
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 39.8980, 11.3893, -13.0655

Background



This preview shows how black text looks on a background with the YUV color 39.8980, 11.3893, -13.0655.



This preview shows how white text looks on a background with the YUV color 39.8980, 11.3893,

-13.0655.

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

39.8980, 11.3893, -13.0655

Protanopia

41.4860, 9.6204, -5.6882

Deuteranopia

41.4040, 10.6468, -8.2473



Tritanopia

38.2690, 5.2904, -16.8989

Trichromacy



Original Color

39.8980, 11.3893, -13.0655

Protanomaly

40.9910, 10.3574, -8.7621

Deuteranomaly

40.5070, 11.0890, -10.0916

Tritanomaly

38.8500, 7.4689, -15.6545

Monochromacy



Original Color

39.8980, 11.3893, -13.0655

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.0040, 3.9420, -4.3885

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.8980, 11.3893, -13.0655 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(25, 43, 63)` looks like.

```
.text, #text, p{  
    color:rgb(25, 43, 63)  
}
```

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(25, 43, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 43, 63) }
```

Border

The CSS property to change the border of an element to YUV 39.8980, 11.3893, -13.0655 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(25, 43, 63) }
```


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

```
.border{ border-color:rgb(25, 43, 63) }
```

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

Here you see how a box with a 4 pixel rgb(25, 43, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 43, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 43, 63);  
box-shadow:4px 4px 4px 4px rgb(25, 43, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.8980, 11.3893, -13.0655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 43, 63) }
```

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

```
.background{ background-color: rgb(25, 43,  
63) }
```

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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