

Converting Colors

YUV(45.7160, 13.9440,
-39.2159)

Have a look what the booklet for
YUV(45.7160, 13.9440, -39.2159)
contains.

YUV(45.7160, 13.9440, -39.2159)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(45.7160, 13.9440,
-39.2159)**

Conversions

Conversions Part 1

Format	Color
Hex	013F4A
RGB	1, 63, 74
RGB Percent	0%, 25%, 29%
CMY	0.9961, 0.7529, 0.7098
CMYK	0.99, 0.15, 0.00, 0.71
HSL	189°, 97%, 15%
HSV	189°, 99%, 29%
XYZ	3.0261, 4.0559, 7.1019
YIQ	45.7160, -40.4830, -9.7230

Conversions

Conversions Part 2

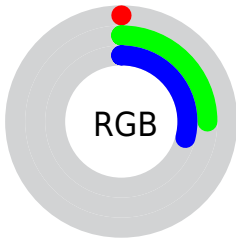
Format	Color
R_{YB}	1, 35, 74
Decimal	81738
CIE _{Lab}	23.86, -13.32, -11.79
CIE _{LCh}	24, 17.789, 221.518
Yxy	4.0559, 0.2133, 0.2860
Android (android.graphics.Color)	4278271818 (0xFF013F4A)
YUV	45.7160, 13.9440, -39.2159
Hunter-Lab	20.1392, -8.4228, -6.8107

Details

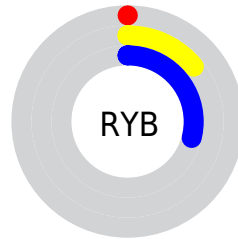
The YUV color **45.7160, 13.9440, -39.2159** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **29.2840, -13.9440, 39.2159**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.4180, 12.6119, -31.9386**, and **16.3340, 6.7373, -14.3249** is the 20% darker color. If you saturate the color by 10%, you get **45.4170, 14.0914, -39.8307**, and if you desaturate by 10%, it is **48.3960, 12.6228, -35.4273**.

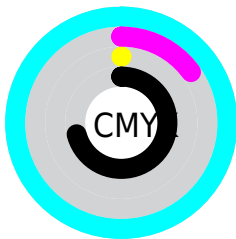
Distribution



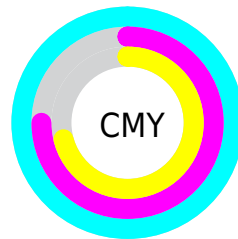
- Red (0%)
- Green (25%)
- Blue (29%)



- Red (0%)
- Yellow (14%)
- Blue (29%)



- Cyan (99%)
- Magenta (15%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (75%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.7160, 13.9440, -39.2159 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 45.7160, 13.9440, -39.2159 by changing the saturation by 10% instead.

■ 45.7160, 13.9440,
-39.2159

■ 45.7160, 13.9440,
-39.2159

■ 254.1030, 0.4422,
-1.8443

■ 29.8810, 10.4117,
-26.2056

■ 97.4180, 12.6119,
-31.9386

■ 16.3340, 6.7373,
-14.3249

■ 122.7170, 12.4645,
-31.3238

■ 0.3420, 1.3104,
-0.2999

■ 149.4180, 12.6119,
-31.9386

■ 0.0000, 0.0000,
0.0000

■ 176.2330, 13.1961,
-32.6533

■ 203.6460, 13.4855,
-32.1385

■ 231.7770, 11.4489,

-32.2534

■ 245.4320, 4.7170,
-19.6729

■ 45.7160, 13.9440,
-39.2159

■ 45.7160, 13.9440,
-39.2159

■ 45.4170, 14.0914,
-39.8307

■ 48.3960, 12.6228,
-35.4273

■ 51.3750, 11.1541,
-31.0239

■ 54.0550, 9.8329,
-27.2352

■ 57.0340, 8.3642,
-22.8318

■ 60.3010, 6.7536,
-19.5580

■ 62.9810, 5.4324,
-15.7693

■ 65.9600, 3.9637,
-11.3659

■ 68.6400, 2.6425,
-7.5773

■ 71.6190, 1.1738,
-3.1739

Harmonies

Analogous

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



47.3270, 7.2338, -33.6128



45.7160, 13.9440, -39.2159



51.1460, 15.2110, -25.5610

Triad

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



45.7160, 13.9440, -39.2159



58.4350, 3.7295, 17.1585



55.4060, -12.5252, 4.0289

Complementary

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



45.7160, 13.9440, -39.2159



29.2840, -13.9440, 39.2159

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.



56.5860, -12.1209, 14.3951



45.7160, 13.9440, -39.2159



57.7470, -2.8333, 22.1469

Square

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



45.7160, 13.9440, -39.2159



58.1500, 9.2931, 6.0075



57.5420, -8.6482, 20.5727



53.6650, -8.7088, -6.7222

Rectangle

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



45.7160, 13.9440, -39.2159



54.8700, 13.8681, -14.7950



57.5420, -8.6482, 20.5727



55.7270, -12.6834, 8.1324

Sweetspot

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



45.7160, 13.9440, -39.2159



85.9810, 5.4324, -15.7693



45.1050, -16.3208, -38.6801



41.7430, 3.0847, -9.4216



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



45.7160, 13.9440, -39.2159



59.1920, 18.6393, -51.9114



24.5840, 24.3621, -20.6832



36.8040, 0.5896, -2.4591



62.6970, 19.3764, -54.9853



140.6850, 44.0323, -123.3807

Inverse Universe

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



29.8950, 16.3208, 38.6801



38.3510, 21.5190, 51.4352



50.4160, -24.3621, 20.6832



35.6520, 1.1576, 2.0592



40.4160, 22.9659, 54.0092



91.0000, 51.2720, 121.9030

Previews

White Background



This preview shows how the YUV color 45.7160, 13.9440, -39.2159 looks on a white background.

Color Contrast Check

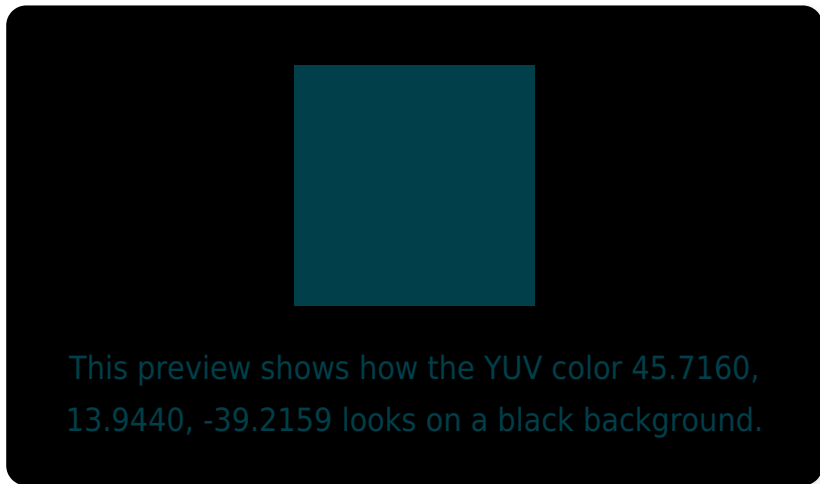
Large Text (above 18pt) WCAG AA ✓ Pass

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

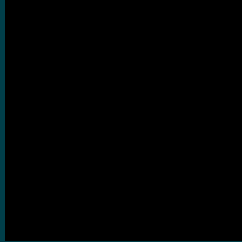
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

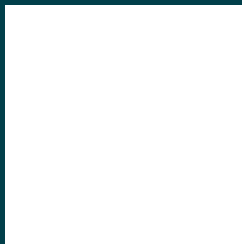
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 45.7160, 13.9440, -39.2159

Background



This preview shows how black text looks on a background with the YUV color 45.7160, 13.9440, -39.2159.



This preview shows how white text looks on a background with the YUV color 45.7160, 13.9440,

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

45.7160, 13.9440, -39.2159

Protanopia

57.5850, 6.1206, -3.1440

Deuteranopia

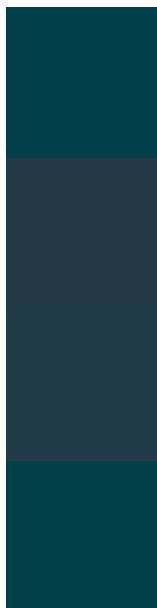
57.3830, 9.1782, -3.8439



Tritanopia

45.4340, 11.6180, -39.8456

Trichromacy



Original Color

45.7160, 13.9440, -39.2159

Protanomaly

53.1920, 8.7793, -15.9544

Deuteranomaly

53.3490, 10.6739, -16.9691

Tritanomaly

45.6620, 12.4916, -40.0456

Monochromacy



Original Color

45.7160, 13.9440, -39.2159

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.8780, 4.9901, -13.9250

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.7160, 13.9440, -39.2159 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(1, 63, 74)` looks like.

```
.text, #text, p{  
    color:rgb(1, 63, 74)  
}
```

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(1, 63, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 63, 74) }
```

Border

The CSS property to change the border of an element to YUV 45.7160, 13.9440, -39.2159 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(1, 63, 74) }
```


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

```
.border{ border-color:rgb(1, 63, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 63, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 63, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 63, 74); box-shadow:4px  
4px 4px 4px rgb(1, 63, 74) }
```

Background

The CSS property to change the background color of an element to YUV 45.7160, 13.9440, -39.2159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 63, 74) }
```

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

```
.background{ background-color: rgb(1, 63,  
74) }
```

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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