

Converting Colors

YUV(139.3690, 13.6221,
-29.2646)

Have a look what the booklet for
YUV(139.3690, 13.6221, -29.2646)
contains.

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Color

**YUV(139.3690, 13.6221,
-29.2646)**

Conversions

Conversions Part 1

Format	Color
Hex	6A97A7
RGB	106, 151, 167
RGB Percent	42%, 59%, 65%
CMY	0.5843, 0.4078, 0.3451
CMYK	0.37, 0.10, 0.00, 0.35
HSL	196°, 26%, 54%
HSV	196°, 37%, 65%
XYZ	23.9855, 27.9874, 40.6972
YIQ	139.3690, -31.9560, -4.5640

Conversions

Conversions Part 2

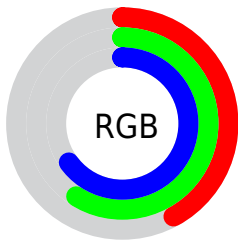
Format	Color
R_{YB}	106, 132, 167
Decimal	6985639
CIE _{Lab}	59.88, -11.09, -13.24
CIE _{LCh}	60, 17.275, 230.054
Yxy	27.9874, 0.2588, 0.3020
Android (android.graphics.Color)	4285175719 (0xFF6A97A7)
YUV	139.3690, 13.6221, -29.2646
Hunter-Lab	52.9031, -11.6511, -8.5782

Details

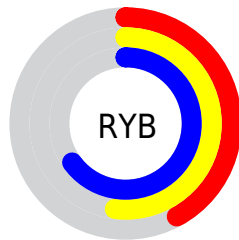
The YUV color **139.3690, 13.6221, -29.2646** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **133.6310, -13.6221, 29.2646**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.1840, 14.2063, -29.9794**, and **88.2550, 13.1853, -29.1646** is the 20% darker color. If you saturate the color by 10%, you get **131.9380, 17.2856, -37.6566**, and if you desaturate by 10%, it is **146.8000, 9.9586, -20.8726**.

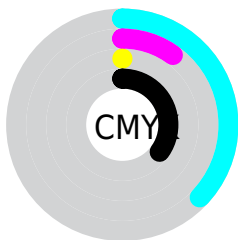
Distribution



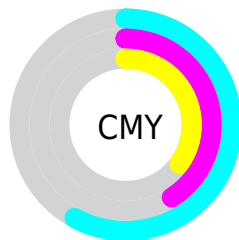
- Red (42%)
- Green (59%)
- Blue (65%)



- Red (42%)
- Yellow (52%)
- Blue (65%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (58%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.3690, 13.6221, -29.2646 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 139.3690, 13.6221, -29.2646 by changing the saturation by 10% instead.

■ 139.3690, 13.6221,
-29.2646

■ 139.3690, 13.6221,
-29.2646

■ 255.0000, 0.0000,
0.0000

■ 113.3690, 13.6221,
-29.2646

■ 193.1840, 14.2063,
-29.9794

■ 88.2550, 13.1853,
-29.1646

■ 221.2980, 14.6431,
-30.0793

■ 63.2440, 13.1907,
-30.9090

■ 243.0400, 5.8963,
-24.5911

■ 38.7490, 13.9277,
-33.9829

■ 251.7110, 1.6215,
-6.7625

■ 23.9140, 10.3954,
-20.9726

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 139.3690, 13.6221,
-29.2646

■ 139.3690, 13.6221,
-29.2646

■ 131.9380, 17.2856,
-37.6566

■ 146.8000, 9.9586,
-20.8726

■ 124.2190, 21.0910,
-44.9191

■ 154.5190, 6.1531,
-13.6102

■ 116.7880, 24.7545,
-53.3111

■ 161.9500, 2.4896,
-5.2182

■ 108.7700, 28.7074,
-61.1883

■ 169.9680, -1.4632,
2.6591

■ 101.3390, 32.3709,
-69.5803

■ 177.1000, -4.9793,
10.4363

■ 94.2070, 35.8869,
-77.3575

■ 184.5310, -8.6428,
18.8283

■ 91.2390, 37.3502,
-80.0166

■ 192.5490,
-12.5957, 26.7055

■ 199.9800,
-16.2591, 35.0975

■ 206.8130,
-19.6278, 42.2600

Harmonies

Analogous

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



138.1640, 7.8071, -30.8388



139.3690, 13.6221, -29.2646



142.0050, 15.7735, -19.2984

Triad

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



139.3690, 13.6221, -29.2646



147.1860, 1.3873, 21.7619



142.2810, -12.9565, 2.3846

Complementary

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



139.3690, 13.6221, -29.2646



133.6310, -13.6221, 29.2646

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.



144.6030, -14.5943, 14.3802



139.3690, 13.6221, -29.2646



146.6720, -5.7543, 25.7207

Square

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



139.3690, 13.6221, -29.2646



146.6560, 8.5506, 10.8257



145.7550, -11.7112, 23.0169



140.4580, -8.1138, -10.9257

Rectangle

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



139.3690, 13.6221, -29.2646



144.4300, 14.5780, -9.1471



145.7550, -11.7112, 23.0169



143.2600, -14.4252, 6.7880

Sweetspot

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



139.3690, 13.6221, -29.2646



205.7150, 5.5635, -11.1511



143.5170, -11.1009, -32.9024



103.1670, 3.3687, -7.1625



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



139.3690, 13.6221, -29.2646



173.6210, 21.3858, -46.1486



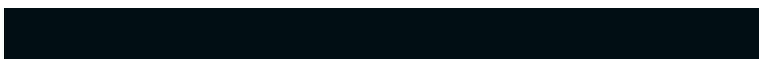
121.7590, 22.3038, -13.8206



80.4340, 1.7580, -3.8886



80.8550, 33.1025, -70.9098



11.0850, 4.3951, -9.7215

Inverse Universe

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



129.3690, 10.6641, 33.0024



157.7980, 16.8616, 51.9202



151.2410, -22.3038, 13.8206



79.0760, 1.4415, 4.3183



56.6780, 25.7947, 80.0894



7.6900, 3.6038, 10.7959

Previews

White Background



This preview shows how the YUV color 139.3690, 13.6221, -29.2646 looks on a white background.

Color Contrast Check

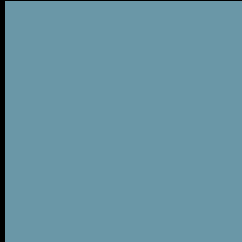
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 139.3690, 13.6221, -29.2646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

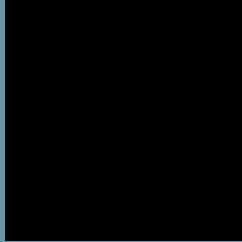
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.3690, 13.6221, -29.2646

Background



This preview shows how black text looks on a background with the YUV color 139.3690, 13.6221, -29.2646.



This preview shows how white text looks on a background with the YUV color 139.3690, 13.6221, -29.2646.

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

139.3690, 13.6221, -29.2646

Protanopia

144.5680, 8.5940, -3.1291

Deuteranopia

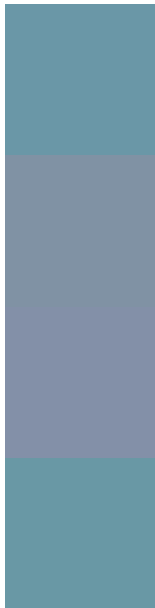
144.8010, 11.9301, 0.1745



Tritanopia

139.3150, 12.1697, -30.0943

Trichromacy



Original Color

139.3690, 13.6221, -29.2646

Protanomaly

142.6700, 10.5157, -12.8656

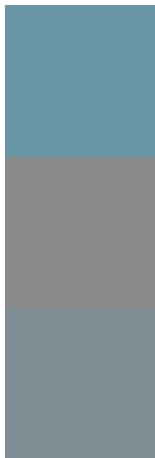
Deuteranomaly

142.8490, 12.3994, -10.3916

Tritanomaly

139.4290, 12.6065, -30.1942

Monochromacy



Original Color

139.3690, 13.6221, -29.2646

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9000, 4.9793, -10.4363

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.3690, 13.6221, -29.2646 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(106, 151, 167)` looks like.

```
.text, #text, p{  
    color:rgb(106, 151, 167)  
}
```

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(106, 151, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 151, 167) }
```

Border

The CSS property to change the border of an element to YUV 139.3690, 13.6221, -29.2646 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(106, 151, 167) }
```


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

```
.border{ border-color:rgb(106, 151, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 151, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 151, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 151, 167);  
box-shadow:4px 4px 4px 4px rgb(106, 151,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 139.3690, 13.6221, -29.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 151, 167) }
```

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

```
.background{ background-color: rgb(106,  
151, 167) }
```

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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