

Converting Colors

YUV(77.5620, 14.0199,
-63.6369)

Have a look what the booklet for
YUV(77.5620, 14.0199, -63.6369)
contains.

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Color

**YUV(77.5620, 14.0199,
-63.6369)**

Conversions

Conversions Part 1

Format	Color
Hex	056D6A
RGB	5, 109, 106
RGB Percent	2%, 43%, 42%
CMY	0.9804, 0.5725, 0.5843
CMYK	0.95, 0.00, 0.03, 0.57
HSL	178°, 91%, 22%
HSV	178°, 95%, 43%
XYZ	8.1327, 12.0102, 15.5252
YIQ	77.5620, -61.0210, -22.9810

Conversions

Conversions Part 2

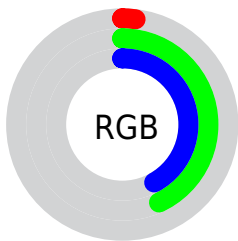
Format	Color
RYB	5, 58, 109
Decimal	355690
CIELab	41.23, -26.36, -5.81
CIELCh	41, 26.995, 192.427
Yxy	12.0102, 0.2280, 0.3367
Android (android.graphics.Color)	4278545770 (0xFF056D6A)
YUV	77.5620, 14.0199, -63.6369
Hunter-Lab	34.6557, -18.7583, -2.3021

Details

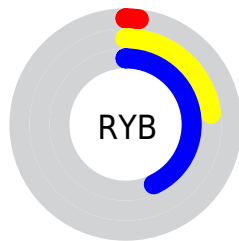
The YUV color **77.5620, 14.0199, -63.6369** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **36.4380, -14.0199, 63.6369**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.4280, 10.6350, -51.2414**, and **42.5330, 8.1182, -37.3014** is the 20% darker color. If you saturate the color by 10%, you get **76.0670, 14.7570, -66.7108**, and if you desaturate by 10%, it is **80.8510, 12.3985, -56.8743**.

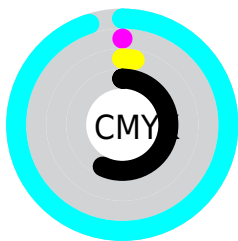
Distribution



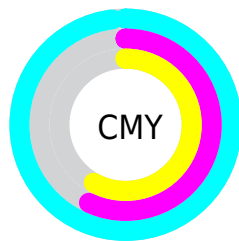
- Red (2%)
- Green (43%)
- Blue (42%)



- Red (2%)
- Yellow (23%)
- Blue (43%)



- Cyan (95%)
- Magenta (0%)
- Yellow (3%)
- Black (57%)



- Cyan (98%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.5620, 14.0199, -63.6369 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 77.5620, 14.0199, -63.6369 by changing the saturation by 10% instead.

■ 77.5620, 14.0199,
-63.6369

■ 77.5620, 14.0199,
-63.6369

255.0000, 0.0000,
0.0000

■ 58.6560, 11.5086,
-51.4413

■ 135.4280, 10.6350,
-51.2414

■ 42.5330, 8.1182,
-37.3014

■ 162.7270, 10.4876,
-50.6266

■ 27.1110, 4.8753,
-23.7763

■ 190.7270, 10.4876,
-50.6266

■ 7.2210, 4.8210,
-6.3328

■ 219.3140, 10.1982,
-51.1414

■ 0.0000, 0.0000,
0.0000

■ 235.2660, 9.7289,
-40.5753

■ 243.9370, 5.4541,

-22.7467

252.9070, 1.0318,
-4.3034

77.5620, 14.0199,
-63.6369

77.5620, 14.0199,
-63.6369

76.0670, 14.7570,
-66.7108

80.8510, 12.3985,
-56.8743

84.2540, 11.2138,
-50.2118

87.5430, 9.5923,
-43.4492

90.8320, 7.9708,
-36.6867

93.9360, 6.9336,
-30.6389

■ 97.2250, 5.3121,
-23.8763

■ 100.5140, 3.6906,
-17.1138

■ 103.9170, 2.5059,
-10.4512

■ 107.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



87.5090, -2.2229, -33.7724



77.5620, 14.0199, -63.6369



77.1730, 24.0717, -67.6807

Triad

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



77.5620, 14.0199, -63.6369



99.6650, 14.9552, 9.9408



96.4640, -20.4418, 23.2721

Complementary

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



77.5620, 14.0199, -63.6369



36.4380, -14.0199, 63.6369

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.



97.7240, -14.6539, 33.5681



77.5620, 14.0199, -63.6369



99.6690, 5.5862, 28.3543

Square

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



77.5620, 14.0199, -63.6369



96.2320, 21.5776, -14.2355



98.9660, -4.9132, 35.9868



94.6530, -20.5349, 6.4433

Rectangle

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



77.5620, 14.0199, -63.6369



83.1190, 26.0703, -55.3554



98.9660, -4.9132, 35.9868



97.1270, -19.2896, 27.0756

Sweetspot

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



77.5620, 14.0199, -63.6369



130.3280, 5.7543, -25.7207



66.9450, -30.5389, -51.6948



63.5250, 3.6852, -15.3694



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



77.5620, 14.0199, -63.6369



99.7870, 19.3320, -87.5132



49.1410, 29.5105, -38.7117



52.0920, 0.4476, -3.5887



81.6750, 15.9362, -71.6290



170.9470, 33.0571, -149.9205

Inverse Universe

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



36.4380, -14.0199, 63.6369



43.2130, -19.3320, 87.5132



64.8590, -29.5105, 38.7117



49.7940, -0.8844, 3.6887



35.3250, -15.9362, 71.6290



74.0530, -33.0571, 149.9205

Previews

White Background



This preview shows how the YUV color 77.5620, 14.0199, -63.6369 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 × Fail

Black Background



This preview shows how the YUV color 77.5620, 14.0199, -63.6369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

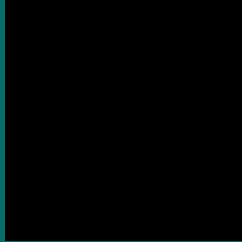
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.5620, 14.0199, -63.6369

Background



This preview shows how black text looks on a background with the YUV color 77.5620, 14.0199, -63.6369.



This preview shows how white text looks on a background with the YUV color 77.5620, 14.0199,

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

77.5620, 14.0199, -63.6369

Protanopia

96.8260, 0.5788, 1.0296

Deuteranopia

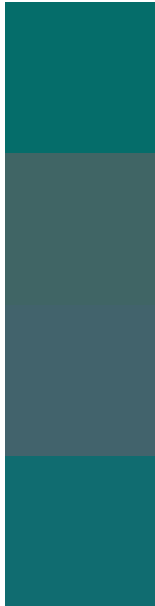
97.8030, 5.5201, 2.8038



Tritanopia

82.9100, 16.3134, -52.5411

Trichromacy



Original Color

77.5620, 14.0199, -63.6369

Protanomaly

89.9370, 5.4541, -22.7467

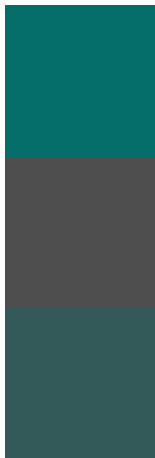
Deuteranomaly

90.1590, 8.7956, -21.1874

Tritanomaly

80.9480, 15.3086, -56.9594

Monochromacy



Original Color

77.5620, 14.0199, -63.6369

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.5240, 5.1647, -23.2615

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.5620, 14.0199, -63.6369 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(5, 109, 106)` looks like.

```
.text, #text, p{  
    color:rgb(5, 109, 106)  
}
```

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(5, 109, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 109, 106) }
```

Border

The CSS property to change the border of an element to YUV 77.5620, 14.0199, -63.6369 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(5, 109, 106) }
```


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

```
.border{ border-color:rgb(5, 109, 106) }
```

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

Here you see how a box with a 4 pixel rgb(5, 109, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 109, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 109, 106);  
box-shadow:4px 4px 4px 4px rgb(5, 109,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 77.5620, 14.0199, -63.6369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 109, 106) }
```

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

```
.background{ background-color: rgb(5, 109,  
106) }
```

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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