

Converting Colors

YUV(73.7360, 13.4412,
-64.6665)

Have a look what the booklet for
YUV(73.7360, 13.4412, -64.6665)
contains.

YUV(73.7360, 13.4412, -64.6665)	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>	30

Color

**YUV(73.7360, 13.4412,
-64.6665)**

Conversions

Conversions Part 1

Format	Color
Hex	006A65
RGB	0, 106, 101
RGB Percent	0%, 42%, 40%
CMY	1.0000, 0.5843, 0.6039
CMYK	1.00, 0.00, 0.05, 0.58
HSL	177°, 100%, 21%
HSV	177°, 100%, 42%
XYZ	7.5030, 11.2477, 14.0875
YIQ	73.7360, -61.5710, -24.0270

Conversions

Conversions Part 2

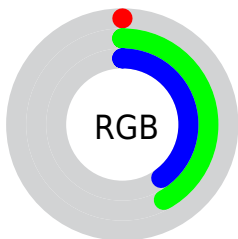
Format	Color
RYB	0, 54, 106
Decimal	27237
CIELab	39.99, -26.87, -4.61
CIELCh	40, 27.261, 189.742
Yxy	11.2477, 0.2285, 0.3425
Android (android.graphics.Color)	4278217317 (0xFF006A65)
YUV	73.7360, 13.4412, -64.6665
Hunter-Lab	33.5375, -18.7567, -1.4286

Details

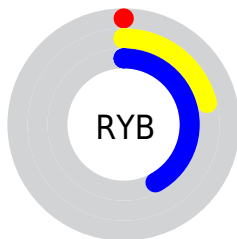
The YUV color **73.7360, 13.4412, -64.6665** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **32.2640, -13.4412, 64.6665**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.2000, 9.7614, -51.0414**, and **40.2020, 6.8024, -35.2572** is the 20% darker color. If you saturate the color by 10%, you get **73.7360, 13.4412, -64.6665**, and if you desaturate by 10%, it is **77.1390, 12.2565, -58.0039**.

Distribution



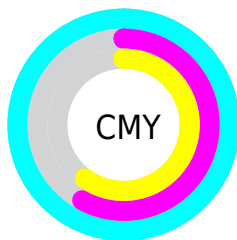
- Red (0%)
- Green (42%)
- Blue (40%)



- Red (0%)
- Yellow (21%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.7360, 13.4412, -64.6665 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 73.7360, 13.4412, -64.6665 by changing the saturation by 10% instead.

■ 73.7360, 13.4412,
-64.6665

■ 73.7360, 13.4412,
-64.6665

■ 255.0000, 0.0000,
0.0000

■ 56.3250, 10.1928,
-49.3970

■ 132.2000, 9.7614,
-51.0414

■ 40.2020, 6.8024,
-35.2572

■ 159.4990, 9.6140,
-50.4266

■ 24.8940, 3.9963,
-21.8320

■ 187.3850, 9.1772,
-50.3266

■ 1.2540, 4.8048,
-1.0998

■ 215.3850, 9.1772,
-50.3266

■ 0.0000, 0.0000,
0.0000

■ 234.3690, 10.1711,
-42.4196

■ 243.0400, 5.8963,

-24.5911

251.7110, 1.6215,
-6.7625

73.7360, 13.4412,
-64.6665

77.1390, 12.2565,
-58.0039

80.1290, 10.7824,
-51.8561

83.5320, 9.5977,
-45.1936

86.5220, 8.1237,
-39.0458

89.9250, 6.9390,
-32.3832

■ 93.2140, 5.3175,
-25.6207

■ 96.3180, 4.2802,
-19.5729

■ 99.6070, 2.6587,
-12.8103

■ 102.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



84.8790, -3.3913, -32.3429



73.7360, 13.4412, -64.6665



75.5430, 22.9033, -66.2512

Triad

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



73.7360, 13.4412, -64.6665



96.8820, 15.8342, 7.9965



93.8770, -20.1524, 23.7869

Complementary

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



73.7360, 13.4412, -64.6665



32.2640, -13.4412, 64.6665

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.



94.6640, -13.6384, 34.4977



73.7360, 13.4412, -64.6665



97.1850, 6.3178, 27.0248

Square

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



73.7360, 13.4412, -64.6665



92.7370, 22.3147, -17.3093



95.6070, -3.7503, 36.3017



91.6640, -20.5404, 8.1877

Rectangle

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



73.7360, 13.4412, -64.6665



75.2210, 27.9920, -65.0918



95.6070, -3.7503, 36.3017



93.9530, -18.7108, 28.1052

Sweetspot

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



73.7360, 13.4412, -64.6665



125.2140, 5.3175, -25.6207



63.7170, -31.4125, -51.4948



61.4110, 3.2484, -15.2694



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.



73.7360, 13.4412, -64.6665



95.9400, 17.2846, -84.1394



46.1300, 29.5159, -40.4560



52.0920, 0.4476, -3.5887



81.4470, 15.0626, -71.4290



170.3770, 30.8731, -149.4206

Inverse Universe

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



32.2640, -13.4412, 64.6665



41.9460, -17.7214, 84.2394



59.8700, -29.5159, 40.4560



49.7940, -0.8844, 3.6887



35.6670, -14.6258, 71.3290



74.6230, -30.8731, 149.4206

Previews

White Background



This preview shows how the YUV color 73.7360, 13.4412, -64.6665 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 73.7360, 13.4412, -64.6665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

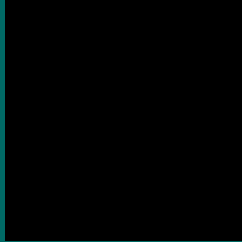
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.7360, 13.4412, -64.6665

Background



This preview shows how black text looks on a background with the YUV color 73.7360, 13.4412, -64.6665.



This preview shows how white text looks on a background with the YUV color 73.7360, 13.4412,

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



Protanopia

94.5980, -0.2948, 1.2296

Deuteranopia

95.4610, 4.2097, 3.1037

Tritanopia

80.8070, 15.8711, -50.6967

Trichromacy



Protanomaly

86.8230, 5.0173, -22.6468

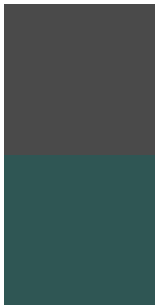
Deuteranomaly

87.5180, 7.6326, -21.5023

Tritanomaly

78.5460, 15.0138, -55.7298

Monochromacy



Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.1110, 4.8753, -23.7763

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7360, 13.4412, -64.6665 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(0, 106, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 101)  
}
```

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(0, 106, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 101) }
```

Border

The CSS property to change the border of an element to YUV 73.7360, 13.4412, -64.6665 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(0, 106, 101) }
```

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

```
.border{ border-color:rgb(0, 106, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 106, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 106,  
101) }
```


Background

The CSS property to change the background color of an element to YUV 73.7360, 13.4412, -64.6665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 106, 101) }
```

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

```
.background{ background-color: rgb(0, 106,  
101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor