

Converting Colors

YUV(72.8010, 14.8881,
-62.0925)

Have a look what the booklet for
YUV(72.8010, 14.8881, -62.0925)
contains.

YUV(72.8010, 14.8881, -62.0925)	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(72.8010, 14.8881,
-62.0925)**

Conversions

Conversions Part 1

Format	Color
Hex	026767
RGB	2, 103, 103
RGB Percent	1%, 40%, 40%
CMY	0.9922, 0.5961, 0.5961
CMYK	0.98, 0.00, 0.00, 0.60
HSL	180°, 96%, 21%
HSV	180°, 98%, 40%
XYZ	7.3235, 10.6927, 14.5099
YIQ	72.8010, -60.1960, -21.4120

Conversions

Conversions Part 2

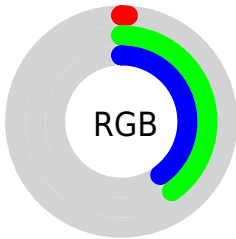
Format	Color
RYB	2, 53, 103
Decimal	157543
CIELab	39.06, -24.56, -7.23
CIELCh	39, 25.598, 196.403
Yxy	10.6927, 0.2252, 0.3287
Android (android.graphics.Color)	4278347623 (0xFF026767)
YUV	72.8010, 14.8881, -62.0925
Hunter-Lab	32.6997, -17.2473, -3.4191

Details

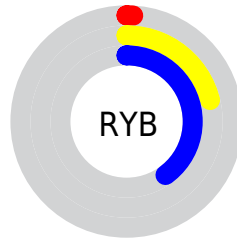
The YUV color **72.8010, 14.8881, -62.0925** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **32.1990, -14.8881, 62.0925**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.6670, 11.5032, -49.6970**, and **38.6690, 8.5442, -33.9127** is the 20% darker color. If you saturate the color by 10%, you get **72.2030, 15.1829, -63.3220**, and if you desaturate by 10%, it is **75.7910, 13.4140, -55.9447**.

Distribution



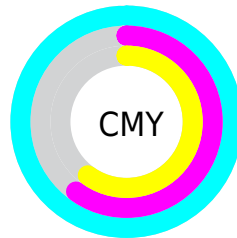
- Red (1%)
- Green (40%)
- Blue (40%)



- Red (1%)
- Yellow (21%)
- Blue (40%)



- Cyan (98%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



- Cyan (99%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8010, 14.8881, -62.0925 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 72.8010, 14.8881, -62.0925 by changing the saturation by 10% instead.

■ 72.8010, 14.8881,
-62.0925

■ 72.8010, 14.8881,
-62.0925

■ 255.0000, 0.0000,
0.0000

■ 55.3790, 11.6452,
-48.5674

■ 130.6670, 11.5032,
-49.6970

■ 38.6690, 8.5442,
-33.9127

■ 157.9660, 11.3558,
-49.0822

■ 23.9480, 5.4486,
-21.0024

■ 185.2650, 11.2084,
-48.4674

■ 2.0690, 5.3890,
-1.8145

■ 213.9660, 11.3558,
-49.0822

■ 0.0000, 0.0000,
0.0000

■ 234.3690, 10.1711,
-42.4196

■ 243.0400, 5.8963,

-24.5911

251.7110, 1.6215,
-6.7625

72.8010, 14.8881,
-62.0925

72.8010, 14.8881,
-62.0925

72.2030, 15.1829,
-63.3220

75.7910, 13.4140,
-55.9447

79.0800, 11.7926,
-49.1822

82.0700, 10.3185,
-43.0344

85.0600, 8.8444,
-36.8866

88.0500, 7.3704,
-30.7388

■ 91.3390, 5.7489,
-23.9763

■ 94.3290, 4.2748,
-17.8285

■ 97.3190, 2.8007,
-11.6808

■ 100.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



82.0790, -0.0389, -34.2723



72.8010, 14.8881, -62.0925



73.0810, 23.6241, -64.0920

Triad

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



72.8010, 14.8881, -62.0925



94.5190, 13.0551, 12.6998



91.0830, -19.2679, 20.0982

Complementary

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



72.8010, 14.8881, -62.0925



32.1990, -14.8881, 62.0925

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.



92.1150, -14.3537, 30.5941



72.8010, 14.8881, -62.0925



94.5010, 3.6970, 27.6246

Square

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



72.8010, 14.8881, -62.0925



91.7980, 19.8196, -10.3468



93.3140, -6.0708, 33.9276



89.0980, -18.7823, 4.2991

Rectangle

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



72.8010, 14.8881, -62.0925



81.3050, 24.0066, -46.7485



93.3140, -6.0708, 33.9276



91.6320, -18.5526, 24.0017

Sweetspot

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



72.8010, 14.8881, -62.0925



123.3390, 5.7489, -23.9763



61.2870, -29.2285, -51.9947



61.8240, 3.5378, -14.7546



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.



72.8010, 14.8881, -62.0925



94.6350, 19.8999, -82.9949



42.8640, 29.6470, -35.8377



49.5050, 0.7370, -3.0739



80.6150, 16.9518, -70.6994



169.6420, 35.6725, -148.7760

Inverse Universe

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



43.7130, 29.2285, 51.9947



55.7550, 39.0678, 69.4979



61.5490, -29.3577, 36.3525



48.0650, 1.4470, 2.5740



47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 72.8010, 14.8881, -62.0925 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 72.8010, 14.8881, -62.0925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

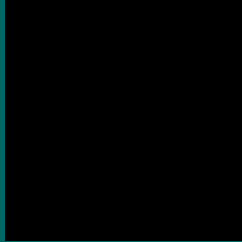
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.8010, 14.8881, -62.0925

Background



This preview shows how black text looks on a background with the YUV color 72.8010, 14.8881, -62.0925.



This preview shows how white text looks on a background with the YUV color 72.8010, 14.8881,

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

72.8010, 14.8881, -62.0925

Protanopia

91.8690, 2.0366, 0.1149

Deuteranopia

93.0200, 6.3991, 0.8595



Tritanopia

78.0950, 15.7292, -51.8263

Trichromacy



Original Color

72.8010, 14.8881, -62.0925

Protanomaly

84.6920, 7.0538, -22.5319

Deuteranomaly

85.9740, 9.3798, -21.9022

Tritanomaly

75.9590, 15.3032, -55.2150

Monochromacy



Original Color

72.8010, 14.8881, -62.0925

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9370, 5.4541, -22.7467

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8010, 14.8881, -62.0925 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(2, 103, 103)` looks like.

```
.text, #text, p{  
    color:rgb(2, 103, 103)  
}
```

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(2, 103, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 103, 103) }
```

Border

The CSS property to change the border of an element to YUV 72.8010, 14.8881, -62.0925 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(2, 103, 103) }
```


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

```
.border{ border-color:rgb(2, 103, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 103, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 103, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 103, 103);  
box-shadow:4px 4px 4px 4px rgb(2, 103,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 72.8010, 14.8881, -62.0925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 103, 103) }
```

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

```
.background{ background-color: rgb(2, 103,  
103) }
```

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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