

Converting Colors

YUV(62.7790, 1.5880, -42.7792)

Have a look what the booklet for
YUV(62.7790, 1.5880, -42.7792)
contains.

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Color

**YUV(62.7790, 1.5880,
-42.7792)**

Conversions

Conversions Part 1

Format	Color
Hex	0E5742
RGB	14, 87, 66
RGB Percent	5%, 34%, 26%
CMY	0.9451, 0.6588, 0.7412
CMYK	0.84, 0.00, 0.24, 0.66
HSL	163°, 72%, 20%
HSV	163°, 84%, 34%
XYZ	4.5727, 7.3031, 6.3229
YIQ	62.7790, -36.7670, -22.0070

Conversions

Conversions Part 2

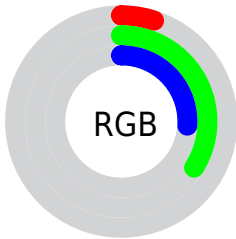
Format	Color
R_{YB}	14, 57, 87
Decimal	939842
CIE _{Lab}	32.49, -27.15, 6.15
CIE _{LCh}	32, 27.834, 167.236
Yxy	7.3031, 0.2513, 0.4013
Android (android.graphics.Color)	4279129922 (0xFF0E5742)
YUV	62.7790, 1.5880, -42.7792
Hunter-Lab	27.0242, -17.0891, 5.0448

Details

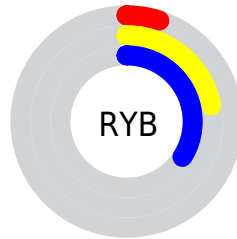
The YUV color **62.7790, 1.5880, -42.7792** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **38.2210, -1.5880, 42.7792**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.6440, -0.3175, -38.2758**, and **26.6890, -1.8187, -23.4063** is the 20% darker color. If you saturate the color by 10%, you get **59.7460, 1.6042, -48.0122**, and if you desaturate by 10%, it is **65.8120, 1.5717, -37.5461**.

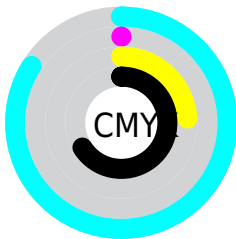
Distribution



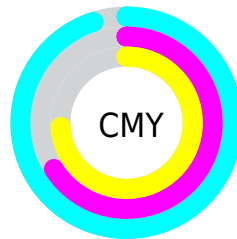
- Red (5%)
- Green (34%)
- Blue (26%)



- Red (5%)
- Yellow (22%)
- Blue (34%)



- Cyan (84%)
- Magenta (0%)
- Yellow (24%)
- Black (66%)



- Cyan (95%)
- Magenta (66%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.7790, 1.5880, -42.7792 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 62.7790, 1.5880, -42.7792 by changing the saturation by 10% instead.

■ 62.7790, 1.5880,
-42.7792

■ 62.7790, 1.5880,
-42.7792

255.0000, 0.0000,
0.0000

■ 41.9970, 0.9875,
-36.8314

■ 114.6440, -0.3175,
-38.2758

■ 26.6890, -1.8187,
-23.4063

■ 141.1170, -1.0437,
-38.6906

■ 9.3920, -4.6303,
-8.2368

■ 168.1170, -1.0437,
-38.6906

■ 0.0000, 0.0000,
0.0000

■ 195.7040, -1.3331,
-39.2054

■ 223.9920, -1.4751,
-40.3350

■ 239.6650, 4.6022,

-29.5242

■ 249.0200, 2.9481,
-12.2955

■ 62.7790, 1.5880,
-42.7792

■ 62.7790, 1.5880,
-42.7792

■ 59.7460, 1.6042,
-48.0122

■ 65.8120, 1.5717,
-37.5461

■ 58.1370, 1.9045,
-50.9861

■ 68.4320, 1.2660,
-32.8279

■ 71.4650, 1.2498,
-27.5948

■ 74.3840, 0.7967,
-22.2618

■ 77.4170, 0.7804,
-17.0287

■ 80.0370, 0.4748,
-12.3104

■ 83.0700, 0.4585,
-7.0774

■ 85.9890, 0.0054,
-1.7444

■ 88.7230, 0.1366,
2.8739

Harmonies

Analogous

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



70.1000, -11.8813, -15.8737



62.7790, 1.5880, -42.7792



61.8020, 13.4086, -54.2004

Triad

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



62.7790, 1.5880, -42.7792



75.7270, 20.8406, -11.1616



76.1860, -15.3747, 31.4089

Complementary

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



62.7790, 1.5880, -42.7792



38.2210, -1.5880, 42.7792

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.



77.3250, -6.0762, 35.6720



62.7790, 1.5880, -42.7792



78.9320, 13.3445, 13.2146

Square

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



62.7790, 1.5880, -42.7792



62.3090, 27.9487, -51.1370



78.0390, 4.4178, 29.7838



75.3280, -20.8677, 19.8833

Rectangle

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



62.7790, 1.5880, -42.7792



62.6970, 19.3764, -54.9853



78.0390, 4.4178, 29.7838



76.5930, -12.6173, 33.6829

Sweetspot

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



62.7790, 1.5880, -42.7792



102.7160, 0.6330, -16.4139



63.4290, -24.3685, -24.0552



50.3470, 0.3219, -9.9513



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



62.7790, 1.5880, -42.7792



74.8640, 2.5320, -65.6557



56.3680, 15.1016, -37.1567



41.6900, 0.1528, -2.3591



71.4730, 2.2318, -62.6818



156.9830, 4.9384, -137.6741

Inverse Universe

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



38.2210, -1.5880, 42.7792



37.1360, -2.5320, 65.6557



44.6320, -15.1016, 37.1567



40.3100, -0.1528, 2.3591



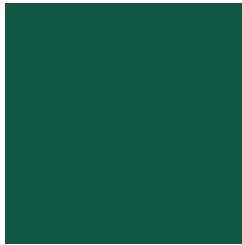
35.5270, -2.2318, 62.6818



77.9030, -5.3752, 137.7741

Previews

White Background



This preview shows how the YUV color 62.7790, 1.5880, -42.7792 looks on a white background.

Color Contrast Check

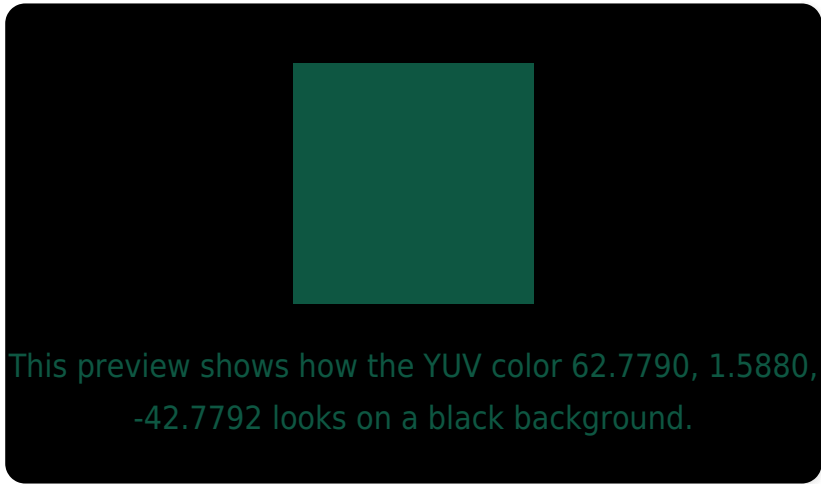
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.7790, 1.5880, -42.7792

Background



This preview shows how black text looks on a background with the YUV color 62.7790, 1.5880, -42.7792.



This preview shows how white text looks on a background with the YUV color 62.7790, 1.5880, -42.7792.

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

62.7790, 1.5880, -42.7792

Protanopia

75.7850, -7.2890, 4.5736

Deuteranopia

77.0180, -3.9529, 7.8772



Tritanopia

68.6520, 11.0176, -33.8978

Trichromacy



Original Color

62.7790, 1.5880, -42.7792

Protanomaly

71.1850, -4.0352, -12.4402

Deuteranomaly

72.0650, -2.0040, -10.5810

Tritanomaly

66.4190, 7.6814, -37.2015

Monochromacy



Original Color

62.7790, 1.5880, -42.7792

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0150, 0.4856, -15.7992

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.7790, 1.5880, -42.7792 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(14, 87, 66)` looks like.

```
.text, #text, p{  
    color:rgb(14, 87, 66)  
}
```

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(14, 87, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 87, 66) }
```

Border

The CSS property to change the border of an element to YUV 62.7790, 1.5880, -42.7792 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(14, 87, 66) }
```


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

```
.border{ border-color:rgb(14, 87, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 87, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 87, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 87, 66);  
box-shadow:4px 4px 4px 4px rgb(14, 87, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.7790, 1.5880, -42.7792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 87, 66) }
```

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

```
.background{ background-color: rgb(14, 87,  
66) }
```

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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