

Converting Colors

YUV(145.7790, 1.5880,
-42.7792)

Have a look what the booklet for
YUV(145.7790, 1.5880, -42.7792)
contains.

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Color

**YUV(145.7790, 1.5880,
-42.7792)**

Conversions

Conversions Part 1

Format	Color
Hex	61AA95
RGB	97, 170, 149
RGB Percent	38%, 67%, 58%
CMY	0.6196, 0.3333, 0.4157
CMYK	0.43, 0.00, 0.12, 0.33
HSL	163°, 30%, 52%
HSV	163°, 43%, 67%
XYZ	24.7293, 33.4608, 33.5890
YIQ	145.7790, -36.7670, -22.0070

Conversions

Conversions Part 2

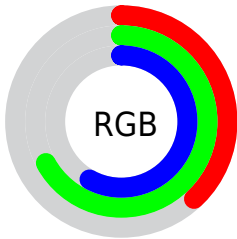
Format	Color
RYB	97, 140, 170
Decimal	6400661
CIELab	64.53, -27.92, 3.71
CIELCh	65, 28.169, 172.429
Yxy	33.4608, 0.2694, 0.3646
Android (android.graphics.Color)	4284590741 (0xFF61AA95)
YUV	145.7790, 1.5880, -42.7792
Hunter-Lab	57.8453, -24.9191, 6.0638

Details

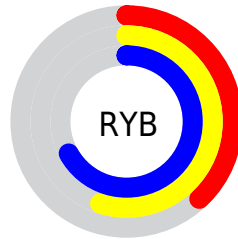
The YUV color **145.7790, 1.5880, -42.7792** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **121.2210, -1.5880, 42.7792**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9530, 1.0092, -43.8088**, and **92.7080, 2.6090, -43.5939** is the 20% darker color. If you saturate the color by 10%, you get **140.1260, 1.9099, -52.7305**, and if you desaturate by 10%, it is **151.4320, 1.2660, -32.8279**.

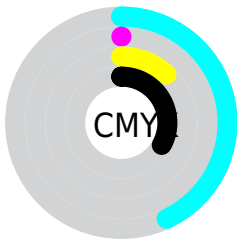
Distribution



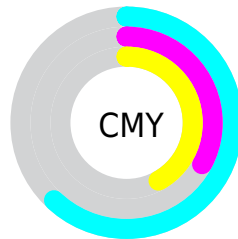
- Red (38%)
- Green (67%)
- Blue (58%)



- Red (38%)
- Yellow (55%)
- Blue (67%)



- Cyan (43%)
- Magenta (0%)
- Yellow (12%)
- Black (33%)



- Cyan (62%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.7790, 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 145.7790, 1.5880, -42.7792 by changing the saturation by 10% instead.

■ 145.7790, 1.5880,
-42.7792

■ 145.7790, 1.5880,
-42.7792

■ 255.0000, 0.0000,
0.0000

■ 118.8930, 2.0248,
-42.8792

■ 200.9530, 1.0092,
-43.8088

■ 92.7080, 2.6090,
-43.5939

■ 228.9530, 1.0092,
-43.8088

■ 64.6470, 5.1040,
-50.5564

■ 240.6480, 7.0755,
-29.5093

■ 45.8440, 3.0349,
-40.2052

■ 249.3190, 2.8007,
-11.6808

■ 29.9490, 0.5181,
-26.2653

■ 15.4730, -4.1772,
-13.5698

■ 0.0000, 0.0000,

0.0000

■ 145.7790, 1.5880,
-42.7792

■ 145.7790, 1.5880,
-42.7792

■ 140.1260, 1.9099,
-52.7305

■ 151.4320, 1.2660,
-32.8279

■ 134.4730, 2.2318,
-62.6818

■ 157.0850, 0.9441,
-22.8765

■ 128.8200, 2.5537,
-72.6331

■ 162.7380, 0.6222,
-12.9252

■ 123.1670, 2.8757,
-82.5845

■ 168.3910, 0.3002,
-2.9739

■ 117.6280, 3.6344,
-92.6358

■ 173.9300, -0.4585,
7.0774

■ 113.5840, 3.6561,
-99.6132

■ 179.5830, -0.7804,
17.0287

■ 185.2360, -1.1023,
26.9800

■ 190.8890, -1.4243,
36.9313

■ 196.5420, -1.7462,
46.8827

Harmonies

Analogous

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



149.9530, -12.3018, -21.0068



145.7790, 1.5880, -42.7792



142.7630, 15.8928, -57.6742

Triad

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



145.7790, 1.5880, -42.7792



157.5150, 22.4241, -5.7137



157.4810, -19.4641, 36.4122

Complementary

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



145.7790, 1.5880, -42.7792



121.2210, -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.



159.3320, -10.0237, 41.8048



145.7790, 1.5880, -42.7792



160.2640, 13.1808, 19.0625

Square

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



145.7790, 1.5880, -42.7792



152.0770, 26.5840, -33.3935



160.1000, 1.9227, 36.7463



155.8290, -24.0727, 21.1980

Rectangle

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



145.7790, 1.5880, -42.7792



143.2990, 23.0236, -58.1442



160.1000, 1.9227, 36.7463



158.1870, -16.8542, 39.3010

Sweetspot

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



145.7790, 1.5880, -42.7792



212.4170, 0.7804, -17.0287



146.4290, -24.3685, -24.0552



106.0480, 0.4693, -10.5661



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



145.7790, 1.5880, -42.7792



183.5540, 2.6849, -68.0149



139.3680, 15.1016, -37.1567



81.3800, 0.3057, -4.7183



98.8460, 3.0339, -86.6879



13.4500, 0.7642, -11.7957

Inverse Universe

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



121.2210, -1.5880, 42.7792



144.5600, -2.2481, 67.9149



127.6320, -15.1016, 37.1567



78.6200, -0.3057, 4.7183



49.1540, -3.0339, 86.6879



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 145.7790, 1.5880, -42.7792 looks on a white background.

Color Contrast Check

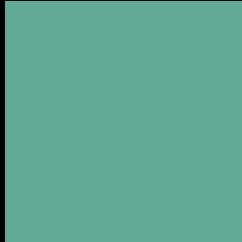
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 145.7790, 1.5880, -42.7792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

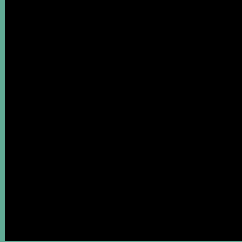
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.7790, 1.5880, -42.7792

Background



This preview shows how black text looks on a background with the YUV color 145.7790, 1.5880, -42.7792.

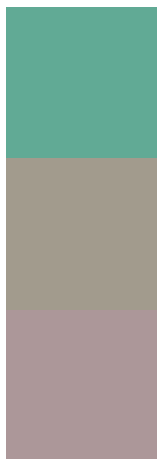


This preview shows how white text looks on a background with the YUV color 145.7790, 1.5880, -42.7792.

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

145.7790, 1.5880, -42.7792

Protanopia

155.4970, -7.1470, 5.7031

Deuteranopia

157.5070, -2.2220, 12.7104



Tritanopia

149.2430, 14.6702, -38.8011

Trichromacy



Original Color

145.7790, 1.5880, -42.7792

Protanomaly

151.5980, -3.7458, -11.9254

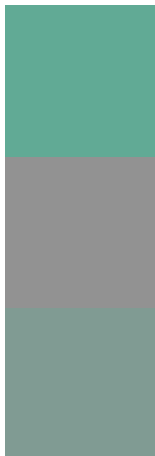
Deuteranomaly

153.4290, -0.7045, -7.3922

Tritanomaly

147.6790, 10.0183, -40.0605

Monochromacy



Original Color

145.7790, 1.5880, -42.7792

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.0150, 0.4856, -15.7992

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.7790, 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(97, 170, 149)` looks like.

```
.text, #text, p{  
    color:rgb(97, 170, 149)  
}
```

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(97, 170, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 170, 149) }
```

Border

The CSS property to change the border of an element to YUV 145.7790, 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(97, 170, 149) }
```


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

```
.border{ border-color:rgb(97, 170, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 170, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 170, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 170, 149);  
box-shadow:4px 4px 4px 4px rgb(97, 170,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 145.7790, 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(97, 170, 149) }
```

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

```
.background{ background-color: rgb(97, 170,  
149) }
```

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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