

Converting Colors

YUV(164.7790, 1.5880,
-42.7792)

Have a look what the booklet for
YUV(164.7790, 1.5880, -42.7792)
contains.

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Color

**YUV(164.7790, 1.5880,
-42.7792)**

Conversions

Conversions Part 1

Format	Color
Hex	74BDA8
RGB	116, 189, 168
RGB Percent	45%, 74%, 66%
CMY	0.5451, 0.2588, 0.3412
CMYK	0.39, 0.00, 0.11, 0.26
HSL	163°, 36%, 60%
HSV	163°, 39%, 74%
XYZ	32.4679, 42.9353, 43.6219
YIQ	164.7790, -36.7670, -22.0070

Conversions

Conversions Part 2

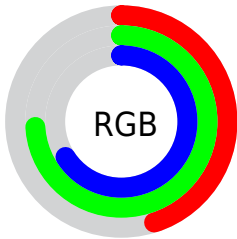
Format	Color
RYB	116, 159, 189
Decimal	7650728
CIELab	71.51, -27.68, 3.44
CIElCh	72, 27.893, 172.911
Yxy	42.9353, 0.2728, 0.3607
Android (android.graphics.Color)	4285840808 (0xFF74BDA8)
YUV	164.7790, 1.5880, -42.7792
Hunter-Lab	65.5251, -26.2214, 6.3965

Details

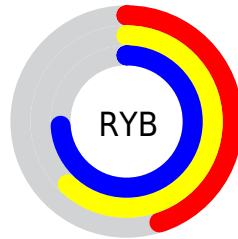
The YUV color **164.7790, 1.5880, -42.7792** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **140.2210, -1.5880, 42.7792**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9530, 1.0092, -43.8088**, and **111.3060, 2.3141, -42.3644** is the 20% darker color. If you saturate the color by 10%, you get **158.5280, 2.2047, -53.9601**, and if you desaturate by 10%, it is **171.0300, 0.9712, -31.5983**.

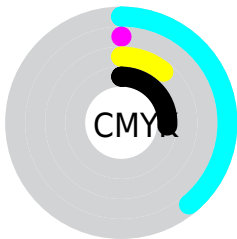
Distribution



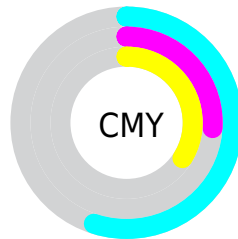
- Red (45%)
- Green (74%)
- Blue (66%)



- Red (45%)
- Yellow (62%)
- Blue (74%)



- Cyan (39%)
- Magenta (0%)
- Yellow (11%)
- Black (26%)



- Cyan (55%)
- Magenta (26%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.7790, 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 164.7790, 1.5880, -42.7792 by changing the saturation by 10% instead.

■ 164.7790, 1.5880,
-42.7792

■ 164.7790, 1.5880,
-42.7792

■ 255.0000, 0.0000,
0.0000

■ 137.8930, 2.0248,
-42.8792

■ 220.9530, 1.0092,
-43.8088

■ 111.3060, 2.3141,
-42.3644

■ 237.9140, 6.9444,
-34.1276

■ 85.1100, 2.9038,
-44.8235

■ 246.9270, 3.9800,
-16.5990

■ 57.6470, 5.1040,
-50.5564

■ 41.0510, 2.4399,
-36.0017

■ 25.7430, -0.3663,
-22.5766

■ 5.8700, -2.8939,

-5.1480

■ 0.0000, 0.0000,
0.0000

■ 164.7790, 1.5880,
-42.7792

■ 164.7790, 1.5880,
-42.7792

■ 158.5280, 2.2047,
-53.9601

■ 171.0300, 0.9712,
-31.5983

■ 152.1630, 2.3846,
-65.0410

■ 177.3950, 0.7913,
-20.5174

■ 145.9120, 3.0014,
-76.2218

■ 183.6460, 0.1745,
-9.3365

■ 139.5470, 3.1813,
-87.3027

■ 190.0110, -0.0054,
1.7444

■ 133.2960, 3.7981,
-98.4836

■ 196.2620, -0.6222,
12.9252

■ 127.2300, 3.8306,
-108.9497

■ 202.3280, -0.6547,
23.3913

■ 126.3330, 4.2728,
-110.7940

■ 208.5790, -1.2714,
34.5722

■ 211.2420, -0.1193,
38.3758

■ 211.9260, 2.5015,
37.7759

Harmonies

Analogous

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



168.6540, -12.1544, -21.6216



164.7790, 1.5880, -42.7792



162.3610, 15.5980, -56.4446

Triad

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



164.7790, 1.5880, -42.7792



176.8140, 22.2767, -5.0989



176.3670, -19.9009, 36.5121

Complementary

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



164.7790, 1.5880, -42.7792



140.2210, -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.



177.9300, -10.3185, 43.0344



164.7790, 1.5880, -42.7792



178.9760, 13.3228, 20.1920

Square

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



164.7790, 1.5880, -42.7792



170.7890, 26.7260, -32.2640



178.9860, 1.4859, 36.8463



174.1280, -24.2201, 21.8127

Rectangle

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



164.7790, 1.5880, -42.7792



163.4950, 22.4340, -55.6851



178.9860, 1.4859, 36.8463



177.0730, -17.2910, 39.4010

Sweetspot

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



164.7790, 1.5880, -42.7792



235.0040, 0.4910, -17.5435



165.4290, -24.3685, -24.0552



116.3470, 0.3219, -9.9513



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



164.7790, 1.5880, -42.7792



207.4510, 2.2427, -66.1705



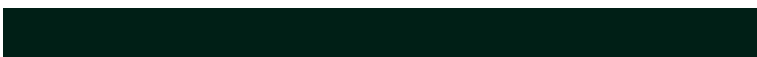
158.3680, 15.1016, -37.1567



91.0810, 0.4531, -5.3330



105.6280, 3.6344, -92.6358



20.7050, 0.6384, -18.1583

Inverse Universe

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



140.2210, -1.5880, 42.7792



169.5490, -2.2427, 66.1705



146.6320, -15.1016, 37.1567



88.0330, -0.0163, 5.2331



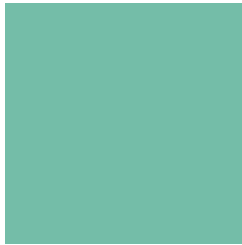
52.3720, -3.6344, 92.6358



10.2950, -0.6384, 18.1583

Previews

White Background



This preview shows how the YUV color 164.7790, 1.5880, -42.7792 looks on a white background.

Color Contrast Check

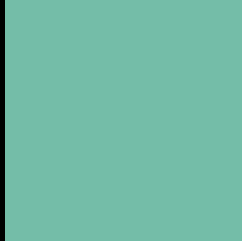
Large Text (above 18pt) WCAG AA × Fail

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 164.7790, 1.5880, -42.7792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

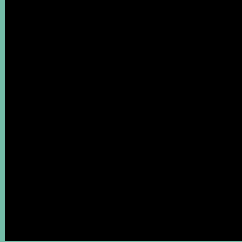
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.7790, 1.5880, -42.7792

Background



This preview shows how black text looks on a background with the YUV color 164.7790, 1.5880, -42.7792.



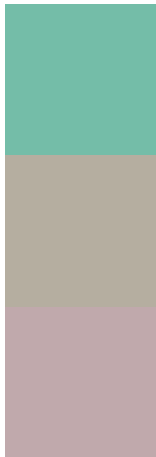
This preview shows how white text looks on a background with the YUV color 164.7790, 1.5880, -42.7792.

-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

164.7790, 1.5880, -42.7792

Protanopia

174.4970, -7.1470, 5.7031

Deuteranopia

176.2190, -2.0800, 13.8399



Tritanopia

167.7700, 15.3964, -38.3863

Trichromacy



Original Color

164.7790, 1.5880, -42.7792

Protanomaly

170.5980, -3.7458, -11.9254

Deuteranomaly

171.8420, -0.4151, -6.8774

Tritanomaly

166.7930, 10.4551, -40.1605

Monochromacy



Original Color

164.7790, 1.5880, -42.7792

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0150, 0.4856, -15.7992

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.7790, 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(116, 189, 168)` looks like.

```
.text, #text, p{  
    color:rgb(116, 189, 168)  
}
```

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(116, 189, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 189, 168) }
```

Border

The CSS property to change the border of an element to YUV 164.7790, 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(116, 189, 168) }
```


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

```
.border{ border-color:rgb(116, 189, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 189, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 189, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 189, 168);  
box-shadow:4px 4px 4px 4px rgb(116, 189,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 164.7790, 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(116, 189, 168) }
```

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

```
.background{ background-color: rgb(116,  
189, 168) }
```

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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