

Converting Colors

YUV(168.7710, 10.4659,
-43.6492)

Have a look what the booklet for
YUV(168.7710, 10.4659, -43.6492)
contains.

YUV(168.7710, 10.4659, -43.6492)	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(168.7710, 10.4659,
-43.6492)**

Conversions

Conversions Part 1

Format	Color
Hex	77BEBE
RGB	119, 190, 190
RGB Percent	47%, 75%, 75%
CMY	0.5333, 0.2549, 0.2549
CMYK	0.37, 0.00, 0.00, 0.25
HSL	180°, 35%, 61%
HSV	180°, 37%, 75%
XYZ	35.3155, 44.4666, 55.4368
YIQ	168.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

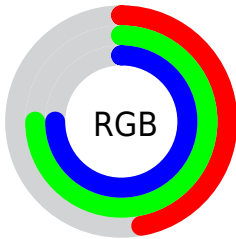
Format	Color
RYB	119, 155, 190
Decimal	7847614
CIELab	72.54, -22.18, -7.05
CIElCh	73, 23.272, 197.629
Yxy	44.4666, 0.2612, 0.3288
Android (android.graphics.Color)	4286037694 (0xFF77BEBE)
YUV	168.7710, 10.4659, -43.6492
Hunter-Lab	66.6832, -22.1620, -2.6122

Details

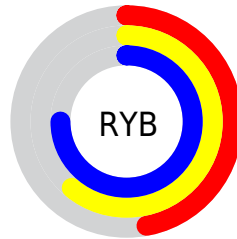
The YUV color **168.7710, 10.4659, -43.6492** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **140.2290, -10.4659, 43.6492**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.0590, 10.3239, -44.7787**, and **114.8850, 10.9027, -43.7491** is the 20% darker color. If you saturate the color by 10%, you get **163.0900, 13.2666, -55.3299**, and if you desaturate by 10%, it is **174.4520, 7.6652, -31.9684**.

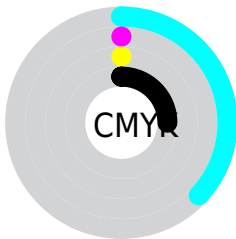
Distribution



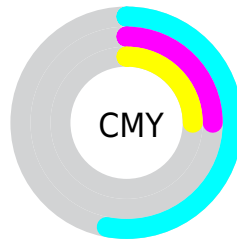
- Red (47%)
- Green (75%)
- Blue (75%)



- Red (47%)
- Yellow (61%)
- Blue (75%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.7710, 10.4659, -43.6492 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 168.7710, 10.4659, -43.6492 by changing the saturation by 10% instead.

■ 168.7710, 10.4659,
-43.6492

■ 168.7710, 10.4659,
-43.6492

255.0000, 0.0000,
0.0000

■ 141.7710, 10.4659,
-43.6492

■ 225.0590, 10.3239,
-44.7787

■ 114.8850, 10.9027,
-43.7491

■ 239.4520, 7.6652,
-31.9684

■ 88.5750, 11.0555,
-46.1083

■ 248.1230, 3.3904,
-14.1399

■ 60.4000, 13.1138,
-52.9708

■ 44.2770, 9.7234,
-38.8309

■ 28.2680, 6.7699,
-24.7910

■ 12.4870, 4.6899,

-10.9511

■ 0.0000, 0.0000,
0.0000

■ 168.7710, 10.4659,
-43.6492

■ 168.7710, 10.4659,
-43.6492

■ 163.0900, 13.2666,
-55.3299

■ 174.4520, 7.6652,
-31.9684

■ 157.4090, 16.0674,
-67.0107

■ 180.1330, 4.8644,
-20.2876

■ 151.7280, 18.8681,
-78.6915

■ 185.8140, 2.0637,
-8.6069

■ 146.0470, 21.6688,
-90.3722

■ 191.4950, -0.7370,
3.0739

■ 140.3660, 24.4696,
-102.0530

■ 197.1760, -3.5378,
14.7546

■ 134.6850, 27.2703,
-113.7337

■ 202.8570, -6.3385,
26.4354

■ 133.1900, 28.0073,
-116.8076

■ 208.5380, -9.1392,
38.1162

■ 209.4350, -9.5815,
39.9605

Harmonies

Analogous

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



170.1610, -1.0654, -31.7132



168.7710, 10.4659, -43.6492



170.3610, 19.0490, -43.2896

Triad

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



168.7710, 10.4659, -43.6492



181.1170, 12.7603, 13.9294



178.1540, -20.2889, 20.9129

Complementary

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



168.7710, 10.4659, -43.6492



140.2290, -10.4659, 43.6492

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.



179.6700, -16.1063, 32.7384



168.7710, 10.4659, -43.6492



181.9850, 2.9654, 28.9542

Square

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



168.7710, 10.4659, -43.6492



178.9940, 19.2300, -7.8877



180.9830, -7.3866, 35.9719



175.9840, -19.2191, 4.3990

Rectangle

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



168.7710, 10.4659, -43.6492



173.1000, 21.6427, -35.1677



180.9830, -7.3866, 35.9719



178.4150, -19.4316, 25.9460

Sweetspot

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



168.7710, 10.4659, -43.6492



238.9270, 3.9800, -16.5990



160.6770, -20.5468, -36.5507



120.2160, 2.3585, -9.8364



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



168.7710, 10.4659, -43.6492



213.8110, 16.3622, -68.2402



148.2260, 20.5946, -25.6312



91.3090, 1.3267, -5.5330



110.7580, 23.2903, -97.1348



21.7310, 4.5696, -19.0581

Inverse Universe

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



148.3230, 20.5468, 36.5507



181.8430, 32.1224, 57.1427



161.3610, -20.8840, 25.1164



88.7170, 2.6045, 4.6332



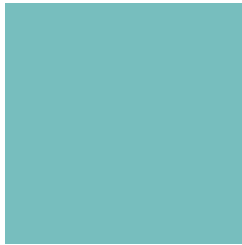
65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 168.7710, 10.4659, -43.6492 looks on a white background.

Color Contrast Check

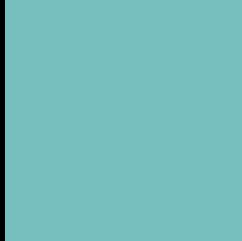
Large Text (above 18pt) WCAG AA × Fail

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 168.7710, 10.4659, -43.6492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

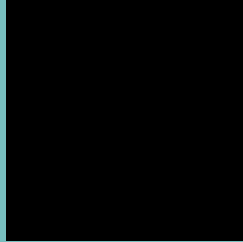
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.7710, 10.4659, -43.6492

Background



This preview shows how black text looks on a background with the YUV color 168.7710, 10.4659, -43.6492.

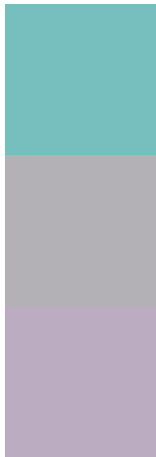


This preview shows how white text looks on a background with the YUV color 168.7710, 10.4659, -43.6492.

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

168.7710, 10.4659, -43.6492

Protanopia

177.5810, 2.1786, 1.2445

Deuteranopia

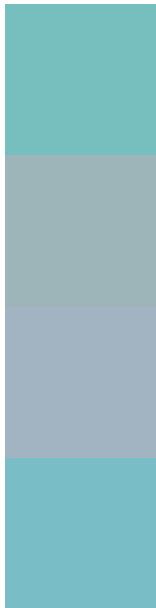
178.9930, 7.3985, 7.0221



Tritanopia

169.9760, 16.2808, -42.0750

Trichromacy



Original Color

168.7710, 10.4659, -43.6492

Protanomaly

174.2800, 5.2850, -15.1546

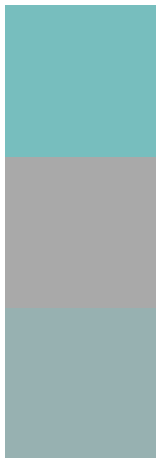
Deuteranomaly

175.5130, 8.6211, -11.8509

Tritanomaly

169.6940, 13.9549, -42.7046

Monochromacy



Original Color

168.7710, 10.4659, -43.6492

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.2260, 3.8326, -15.9842

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.7710, 10.4659, -43.6492 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(119, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(119, 190, 190)  
}
```

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(119, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 190, 190) }
```

Border

The CSS property to change the border of an element to YUV 168.7710, 10.4659, -43.6492 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(119, 190, 190) }
```


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

```
.border{ border-color:rgb(119, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(119, 190,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 168.7710, 10.4659, -43.6492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 190, 190) }
```

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

```
.background{ background-color: rgb(119,  
190, 190) }
```

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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