

Converting Colors

YUV(123.7710, 10.4659,
-43.6492)

Have a look what the booklet for
YUV(123.7710, 10.4659, -43.6492)
contains.

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Color

**YUV(123.7710, 10.4659,
-43.6492)**

Conversions

Conversions Part 1

Format	Color
Hex	4A9191
RGB	74, 145, 145
RGB Percent	29%, 57%, 57%
CMY	0.7098, 0.4314, 0.4314
CMYK	0.49, 0.00, 0.00, 0.43
HSL	180°, 32%, 43%
HSV	180°, 49%, 57%
XYZ	18.0603, 23.7510, 30.4206
YIQ	123.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

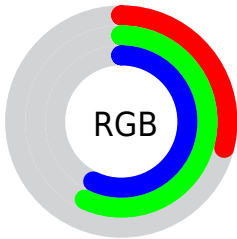
Format	Color
R_{YB}	74, 110, 145
Decimal	4886929
CIE _{Lab}	55.84, -22.19, -6.89
CIE _{LCh}	56, 23.238, 197.246
Yxy	23.7510, 0.2500, 0.3288
Android (android.graphics.Color)	4283077009 (0xFF4A9191)
YUV	123.7710, 10.4659, -43.6492
Hunter-Lab	48.7350, -19.1374, -2.8946

Details

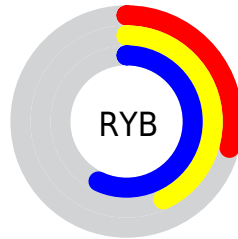
The YUV color **123.7710, 10.4659, -43.6492** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **95.2290, -10.4659, 43.6492**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.7710, 10.4659, -43.6492**, and **68.9980, 12.8190, -51.7412** is the 20% darker color. If you saturate the color by 10%, you get **119.5850, 12.5296, -52.2560**, and if you desaturate by 10%, it is **128.2560, 8.2548, -34.4275**.

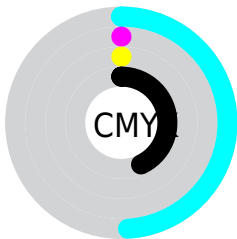
Distribution



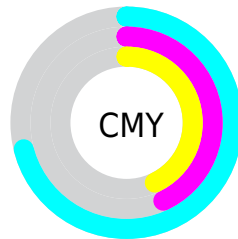
- Red (29%)
- Green (57%)
- Blue (57%)



- Red (29%)
- Yellow (43%)
- Blue (57%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (43%)



- Cyan (71%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.7710, 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 123.7710, 10.4659, -43.6492 by changing the saturation by 10% instead.

■ 123.7710, 10.4659,
-43.6492

■ 123.7710, 10.4659,
-43.6492

■ 255.0000, 0.0000,
0.0000

■ 97.1730, 10.7607,
-44.8787

■ 177.7710, 10.4659,
-43.6492

■ 68.9980, 12.8190,
-51.7412

■ 205.7710, 10.4659,
-43.6492

■ 49.1840, 10.7553,
-43.1344

■ 233.7710, 10.4659,
-43.6492

■ 33.1750, 7.8017,
-29.0945

■ 242.1430, 6.3385,
-26.4354

■ 19.6280, 4.1274,
-17.2138

■ 251.1130, 1.9163,
-7.9921

■ 0.0000, 0.0000,
0.0000

■ 123.7710, 10.4659,
-43.6492

■ 123.7710, 10.4659,
-43.6492

■ 119.5850, 12.5296,
-52.2560

■ 128.2560, 8.2548,
-34.4275

■ 115.1000, 14.7407,
-61.4777

■ 132.4420, 6.1911,
-25.8206

■ 110.9140, 16.8044,
-70.0846

■ 136.9270, 3.9800,
-16.5990

■ 106.4290, 19.0155,
-79.3062

■ 141.1130, 1.9163,
-7.9921

■ 102.2430, 21.0792,
-87.9131

■ 145.5980, -0.2948,
1.2296

■ 101.6450, 21.3740,
-89.1427

■ 149.7840, -2.3585,
9.8364

■ 154.2690, -4.5696,
19.0581

■ 158.4550, -6.6333,

27.6650

■ 162.9400, -8.8444,
36.8866

Harmonies

Analogous

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



125.8730, -0.9234, -30.5836



123.7710, 10.4659, -43.6492



124.9480, 18.7596, -43.8044

Triad

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



123.7710, 10.4659, -43.6492



136.8780, 11.8921, 12.3850



133.7840, -19.1205, 19.4834

Complementary

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



123.7710, 10.4659, -43.6492



95.2290, -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.



135.0010, -14.7905, 30.6941



123.7710, 10.4659, -43.6492



136.9740, 2.9708, 27.2098

Square

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



123.7710, 10.4659, -43.6492



134.4670, 18.5038, -8.3026



136.2000, -6.5076, 34.0276



131.3260, -17.9087, 4.0991

Rectangle

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



123.7710, 10.4659, -43.6492



127.8720, 20.7691, -34.9677



136.2000, -6.5076, 34.0276



134.0450, -18.2632, 24.5165

Sweetspot

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



123.7710, 10.4659, -43.6492



180.3290, 4.2748, -17.8285



115.6770, -20.5468, -36.5507



88.9170, 2.5059, -10.4512



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



123.7710, 10.4659, -43.6492



155.5120, 16.5096, -68.8550



103.2260, 20.5946, -25.6312



68.9070, 1.0318, -4.3034



94.6350, 19.8999, -82.9949



5.6080, 1.1793, -4.9182

Inverse Universe

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



103.3230, 20.5468, 36.5507



123.2560, 32.4118, 57.6575



116.3610, -20.8840, 25.1164



66.8910, 2.0257, 3.6036



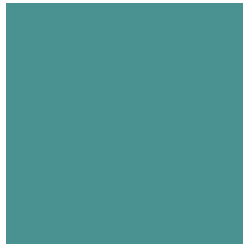
55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 123.7710, 10.4659, -43.6492 looks on a white 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

Black Background



This preview shows how the YUV color 123.7710, 10.4659, -43.6492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

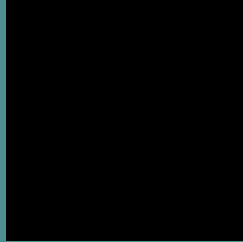
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.7710, 10.4659, -43.6492

Background



This preview shows how black text looks on a background with the YUV color 123.7710, 10.4659, -43.6492.

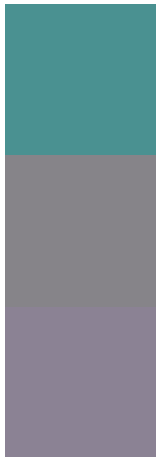


This preview shows how white text looks on a background with the YUV color 123.7710, 10.4659, -43.6492.

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

123.7710, 10.4659, -43.6492

Protanopia

133.1680, 1.8892, 0.7297

Deuteranopia

134.7430, 6.5357, 3.7334



Tritanopia

124.6340, 14.9704, -41.7750

Trichromacy



Original Color

123.7710, 10.4659, -43.6492

Protanomaly

129.8670, 4.9956, -15.6694

Deuteranomaly

130.3880, 8.1897, -13.4953

Tritanomaly

124.4660, 13.0813, -42.5047

Monochromacy



Original Color

123.7710, 10.4659, -43.6492

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.2260, 3.8326, -15.9842

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7710, 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(74, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(74, 145, 145)  
}
```

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(74, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 145, 145) }
```

Border

The CSS property to change the border of an element to YUV 123.7710, 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(74, 145, 145) }
```


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

```
.border{ border-color:rgb(74, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(74, 145,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 123.7710, 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(74, 145, 145) }
```

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

```
.background{ background-color: rgb(74, 145,  
145) }
```

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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