

Converting Colors

YUV(88.0390, 17.2358,
-68.4402)

Have a look what the booklet for
YUV(88.0390, 17.2358, -68.4402)
contains.

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Color

**YUV(88.0390, 17.2358,
-68.4402)**

Conversions

Conversions Part 1

Format	Color
Hex	0A797B
RGB	10, 121, 123
RGB Percent	4%, 47%, 48%
CMY	0.9608, 0.5255, 0.5176
CMYK	0.92, 0.02, 0.00, 0.52
HSL	181°, 85%, 26%
HSV	181°, 92%, 48%
XYZ	10.5377, 15.1693, 21.1115
YIQ	88.0390, -66.7980, -22.9100

Conversions

Conversions Part 2

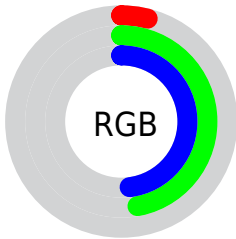
Format	Color
RYB	10, 66, 123
Decimal	686459
CIELab	45.87, -26.46, -9.09
CIELCh	46, 27.980, 198.965
Yxy	15.1693, 0.2251, 0.3240
Android (android.graphics.Color)	4278876539 (0xFF0A797B)
YUV	88.0390, 17.2358, -68.4402
Hunter-Lab	38.9478, -19.8639, -4.8744

Details

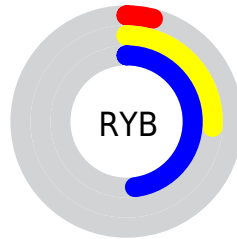
The YUV color **88.0390, 17.2358, -68.4402** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **44.9610, -17.2358, 68.4402**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.9050, 13.8508, -56.0447**, and **50.7000, 11.4869, -44.4639** is the 20% darker color. If you saturate the color by 10%, you get **85.0490, 18.7098, -74.5880**, and if you desaturate by 10%, it is **91.6270, 15.4669, -61.0629**.

Distribution



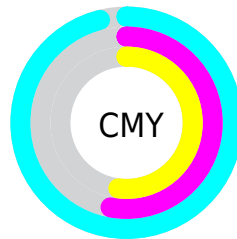
- Red (4%)
- Green (47%)
- Blue (48%)



- Red (4%)
- Yellow (26%)
- Blue (48%)



- Cyan (92%)
- Magenta (2%)
- Yellow (0%)
- Black (52%)



- Cyan (96%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.0390, 17.2358, -68.4402 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 88.0390, 17.2358, -68.4402 by changing the saturation by 10% instead.

88.0390, 17.2358,
-68.4402

88.0390, 17.2358,
-68.4402

255.0000, 0.0000,
0.0000

67.5240, 15.0247,
-59.2185

146.9050, 13.8508,
-56.0447

50.7000, 11.4869,
-44.4639

174.6170, 13.9928,
-54.9151

34.6910, 8.5333,
-30.4240

203.2040, 13.7034,
-55.4299

21.1440, 4.8590,
-18.5433

229.2860, 12.6770,
-52.8708

0.5700, 2.1840,
-0.4999

237.6580, 8.5496,
-35.6571

0.0000, 0.0000,
0.0000

246.6280, 4.1274,

-17.2138

■ 88.0390, 17.2358,
-68.4402

■ 88.0390, 17.2358,
-68.4402

■ 85.0490, 18.7098,
-74.5880

■ 91.6270, 15.4669,
-61.0629

■ 95.5140, 13.5506,
-53.0708

■ 99.6890, 11.4923,
-46.2083

■ 103.2770, 9.7234,
-38.8309

■ 107.1640, 7.8071,
-30.8388

■ 110.7520, 6.0383,
-23.4615

■ 114.9270, 3.9800,
-16.5990

■ 118.5150, 2.2111,
-9.2217

■ 122.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



97.5620, 0.7089, -40.8349



88.0390, 17.2358, -68.4402



88.5470, 26.8453, -70.6397

Triad

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



88.0390, 17.2358, -68.4402



111.4700, 14.0653, 15.3738



107.6980, -22.0361, 21.3129

Complementary

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



88.0390, 17.2358, -68.4402



44.9610, -17.2358, 68.4402

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.



109.0400, -17.2747, 34.1679



88.0390, 17.2358, -68.4402



111.4200, 3.2439, 32.9577

Square

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



88.0390, 17.2358, -68.4402



108.9660, 21.7088, -9.6172



110.2930, -7.5394, 38.3310



105.6310, -20.5241, 2.9546

Rectangle

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



88.0390, 17.2358, -68.4402



98.2770, 26.4854, -48.4779



110.2930, -7.5394, 38.3310



107.9590, -21.1788, 26.3460

Sweetspot

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



88.0390, 17.2358, -68.4402



146.9580, 6.9227, -27.1502



76.5590, -31.8276, -58.3722



73.0410, 4.4168, -16.6990



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



88.0390, 17.2358, -68.4402



111.1000, 24.6007, -97.4347



55.1670, 33.4417, -39.6115



59.2060, 0.8844, -3.6887



86.4510, 19.0047, -75.8175



174.3040, 38.3041, -152.8646

Inverse Universe

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



56.4410, 31.8276, 58.3722



66.1510, 45.2816, 83.1826



77.8330, -33.4417, 39.6115



57.4780, 1.7363, 3.0888



51.3970, 35.3003, 64.5498



103.6200, 71.1793, 130.1293

Previews

White Background



This preview shows how the YUV color 88.0390, 17.2358, -68.4402 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 × Fail

Black Background



This preview shows how the YUV color 88.0390, 17.2358, -68.4402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

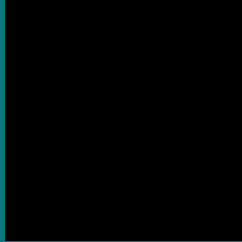
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.0390, 17.2358, -68.4402

Background



This preview shows how black text looks on a background with the YUV color 88.0390, 17.2358, -68.4402.



This preview shows how white text looks on a background with the YUV color 88.0390, 17.2358,

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

88.0390, 17.2358, -68.4402

Protanopia

108.2110, 3.3470, -0.1850

Deuteranopia

109.4760, 8.1463, 0.4595



Tritanopia

91.8380, 18.8139, -61.2479

Trichromacy



Original Color

88.0390, 17.2358, -68.4402

Protanomaly

100.7240, 8.5171, -25.1909

Deuteranomaly

101.5330, 11.5692, -24.1464

Tritanomaly

90.3000, 18.0931, -63.4071

Monochromacy



Original Color

88.0390, 17.2358, -68.4402

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1540, 6.3331, -24.6911

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.0390, 17.2358, -68.4402 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(10, 121, 123)` looks like.

```
.text, #text, p{  
    color:rgb(10, 121, 123)  
}
```

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(10, 121, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 121, 123) }
```

Border

The CSS property to change the border of an element to YUV 88.0390, 17.2358, -68.4402 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(10, 121, 123) }
```


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

```
.border{ border-color:rgb(10, 121, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 121, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 121, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 121, 123);  
box-shadow:4px 4px 4px 4px rgb(10, 121,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 88.0390, 17.2358, -68.4402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 121, 123) }
```

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

```
.background{ background-color: rgb(10, 121,  
123) }
```

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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