

Converting Colors

YUV(180.3890, -3.6428,
-45.0682)

Have a look what the booklet for
YUV(180.3890, -3.6428, -45.0682)
contains.

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Color

**YUV(180.3890, -3.6428,
-45.0682)**

Conversions

Conversions Part 1

Format	Color
Hex	81D0AD
RGB	129, 208, 173
RGB Percent	51%, 82%, 68%
CMY	0.4941, 0.1843, 0.3216
CMYK	0.38, 0.00, 0.17, 0.18
HSL	153°, 46%, 66%
HSV	153°, 38%, 82%
XYZ	39.1520, 52.7960, 47.6623
YIQ	180.3890, -35.8490, -27.6330

Conversions

Conversions Part 2

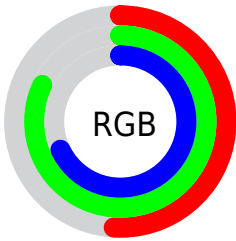
Format	Color
RYB	129, 180, 208
Decimal	8507565
CIELab	77.75, -32.09, 9.79
CIElCh	78, 33.546, 163.035
Yxy	52.7960, 0.2804, 0.3782
Android (android.graphics.Color)	4286697645 (0xFF81D0AD)
YUV	180.3890, -3.6428, -45.0682
Hunter-Lab	72.6609, -30.9751, 11.9710

Details

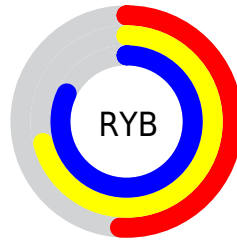
The YUV color **180.3890, -3.6428, -45.0682** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **156.6110, 3.6428, 45.0682**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.6930, -1.3276, -40.9498**, and **126.0300, -2.4798, -44.7533** is the 20% darker color. If you saturate the color by 10%, you get **173.0840, -4.4784, -57.0787**, and if you desaturate by 10%, it is **187.6940, -2.8071, -33.0576**.

Distribution



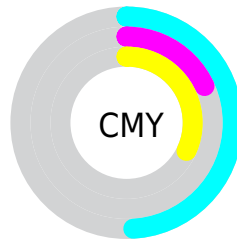
- Red (51%)
- Green (82%)
- Blue (68%)



- Red (51%)
- Yellow (71%)
- Blue (82%)



- Cyan (38%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)



- Cyan (49%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3890, -3.6428, -45.0682 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 180.3890, -3.6428, -45.0682 by changing the saturation by 10% instead.

■ 180.3890, -3.6428,
-45.0682

■ 180.3890, -3.6428,
-45.0682

255.0000, 0.0000,
0.0000

■ 152.8020, -3.3534,
-44.5534

■ 230.6930, -1.3276,
-40.9498

■ 126.0300, -2.4798,
-44.7533

■ 242.4420, 6.1911,
-25.8206

■ 99.8450, -1.8956,
-45.4681

■ 251.1130, 1.9163,
-7.9921

■ 71.6810, 0.1573,
-50.5862

■ 50.8990, -0.4432,
-44.6384

■ 34.3030, -3.1074,
-30.0837

■ 20.3000, -8.5289,

-17.8031

■ 0.0000, 0.0000,
0.0000

■ 180.3890, -3.6428,
-45.0682

■ 180.3890, -3.6428,
-45.0682

■ 173.0840, -4.4784,
-57.0787

■ 187.6940, -2.8071,
-33.0576

■ 165.7790, -5.3140,
-69.0892

■ 194.9990, -1.9715,
-21.0471

■ 158.6590, -6.7339,
-80.3849

■ 202.1190, -0.5517,
-9.7514

■ 151.3540, -7.5695,
-92.3955

■ 209.4240, 0.2840,
2.2592

■ 144.0490, -8.4052,
-104.4060

■ 216.7290, 1.1196,
14.2697

■ 136.7440, -9.2408,
-116.4165

■ 224.0340, 1.9552,
26.2802

■ 135.3200, -9.5248,
-118.6756

■ 225.4730, 6.1758,
25.8952

■ 226.4990, 10.1070,
24.9954

■ 227.4110, 13.6014,
24.1956

Harmonies

Analogous

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



185.1400, -19.2960, -17.6628



180.3890, -3.6428, -45.0682



175.3550, 14.6150, -67.8403

Triad

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



180.3890, -3.6428, -45.0682



191.3870, 29.8822, -17.8794



193.8030, -21.1019, 48.4078

Complementary

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



180.3890, -3.6428, -45.0682



156.6110, 3.6428, 45.0682

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.



195.6690, -7.7248, 51.1563



180.3890, -3.6428, -45.0682



196.1910, 20.6118, 15.6185

Square

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



180.3890, -3.6428, -45.0682



183.3890, 33.3322, -51.2072



196.7890, 7.0060, 39.6500



191.9400, -29.0574, 33.3786

Rectangle

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



180.3890, -3.6428, -45.0682



174.6560, 24.8196, -74.2433



196.7890, 7.0060, 39.6500



194.8510, -17.1815, 50.9967

Sweetspot

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



180.3890, -3.6428, -45.0682



245.2600, -1.1142, -16.0140



186.1370, -28.1685, -18.5371



122.0050, -0.9885, -9.6514



0.0000, 0.0000, 0.0000



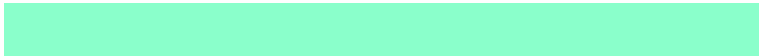
128.0000, 0.0000, 0.0000

Same Dimension

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



180.3890, -3.6428, -45.0682



214.0890, -5.4669, -66.7301



182.0310, 12.8027, -46.5082



101.1410, -0.5625, -6.2627



109.3320, -7.5587, -95.8842



26.6890, -1.8187, -23.4063

Inverse Universe

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



156.6110, 3.6428, 45.0682



178.9110, 5.4669, 66.7301



154.9690, -12.8027, 46.5082



97.8590, 0.5625, 6.2627



58.7820, 7.9955, 95.7842



14.3110, 1.8187, 23.4063

Previews

White Background



This preview shows how the YUV color 180.3890, -3.6428, -45.0682 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 180.3890, -3.6428, -45.0682 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

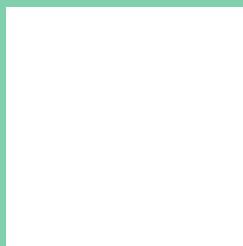
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 180.3890, -3.6428, -45.0682

Background



This preview shows how black text looks on a background with the YUV color 180.3890, -3.6428, -45.0682.



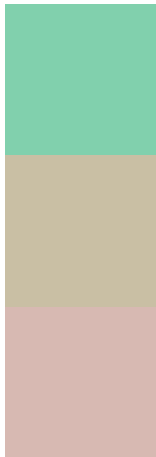
This preview shows how white text looks on a background with the YUV color 180.3890, -3.6428, -45.0682.

-45.0682.

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

180.3890, -3.6428, -45.0682

Protanopia

190.9120, -13.2676, 8.8472

Deuteranopia

193.1720, -7.4798, 19.1432



Tritanopia

184.9870, 16.2754, -40.3306

Trichromacy



Original Color

180.3890, -3.6428, -45.0682



Protanomaly

187.0020, -9.8610, -10.5258



Deuteranomaly

188.3710, -6.0989, -3.8334



Tritanomaly

183.1410, 9.2975, -42.2197

Monochromacy



Original Color

180.3890, -3.6428, -45.0682



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

179.8470, -1.4036, -16.5288

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3890, -3.6428, -45.0682 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(129, 208, 173)` looks like.

```
.text, #text, p{  
    color:rgb(129, 208, 173)  
}
```

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(129, 208, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 208, 173) }
```

Border

The CSS property to change the border of an element to YUV 180.3890, -3.6428, -45.0682 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(129, 208, 173) }
```


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

```
.border{ border-color:rgb(129, 208, 173) }
```

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

Here you see how a box with a 4 pixel rgb(129, 208, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 208, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 208, 173);  
box-shadow:4px 4px 4px 4px rgb(129, 208,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 180.3890, -3.6428, -45.0682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 208, 173) }
```

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

```
.background{ background-color: rgb(129,  
208, 173) }
```

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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