

Converting Colors

YUV(130.3890, -3.6428,
-45.0682)

Have a look what the booklet for
YUV(130.3890, -3.6428, -45.0682)
contains.

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Color

**YUV(130.3890, -3.6428,
-45.0682)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9E7B
RGB	79, 158, 123
RGB Percent	31%, 62%, 48%
CMY	0.6902, 0.3804, 0.5176
CMYK	0.50, 0.00, 0.22, 0.38
HSL	153°, 33%, 46%
HSV	153°, 50%, 62%
XYZ	19.0265, 27.5460, 23.0530
YIQ	130.3890, -35.8490, -27.6330

Conversions

Conversions Part 2

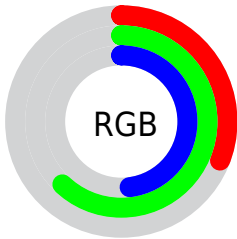
Format	Color
R_{YB}	79, 130, 158
Decimal	5217915
CIE _{Lab}	59.48, -32.84, 10.93
CIE _{LCh}	59, 34.611, 161.593
Yxy	27.5460, 0.2733, 0.3956
Android (android.graphics.Color)	4283407995 (0xFF4F9E7B)
YUV	130.3890, -3.6428, -45.0682
Hunter-Lab	52.4843, -27.1383, 10.6967

Details

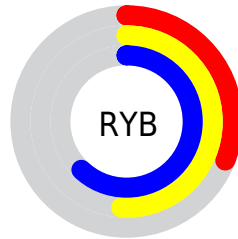
The YUV color **130.3890, -3.6428, -45.0682** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **106.6110, 3.6428, 45.0682**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.8620, -4.3690, -45.4830**, and **76.6380, -1.3005, -49.6715** is the 20% darker color. If you saturate the color by 10%, you get **124.8070, -4.3419, -54.2047**, and if you desaturate by 10%, it is **135.9710, -2.9437, -35.9316**.

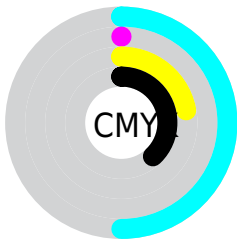
Distribution



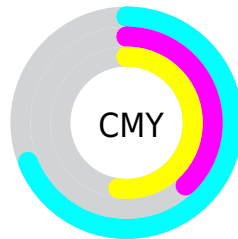
- Red (31%)
- Green (62%)
- Blue (48%)



- Red (31%)
- Yellow (51%)
- Blue (62%)



- Cyan (50%)
- Magenta (0%)
- Yellow (22%)
- Black (38%)



- Cyan (69%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.3890, -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 130.3890, -3.6428, -45.0682 by changing the saturation by 10% instead.


 130.3890, -3.6428,
-45.0682

 130.3890, -3.6428,
-45.0682


255.0000, 0.0000,
0.0000

 104.2040, -3.0586,
-45.7829


 184.8620, -4.3690,
-45.4830

 76.6380, -1.3005,
-49.6715


 213.3350, -5.0952,
-45.8978


 53.4750, -0.7272,
-46.8976

 232.5300, -0.7543,
-38.1758

 37.4660, -3.6807,
-32.8577

 243.6380, 5.6015,
-23.3615

 22.4030, -8.0867,
-19.6474

 252.6080, 1.1793,
-4.9182

 0.0000, 0.0000,
0.0000

■ 130.3890, -3.6428,
-45.0682

■ 130.3890, -3.6428,
-45.0682

■ 124.8070, -4.3419,
-54.2047

■ 135.9710, -2.9437,
-35.9316

■ 119.2250, -5.0409,
-63.3413

■ 141.5530, -2.2446,
-26.7950

■ 113.9420, -5.8874,
-71.8631

■ 146.8360, -1.3981,
-18.2732

■ 108.3600, -6.5865,
-80.9997

■ 152.4180, -0.6991,
-9.1366

■ 102.7780, -7.2856,
-90.1363

■ 158.0000, 0.0000,
0.0000

■ 163.5820, 0.6991,
9.1366

■ 169.1640, 1.3981,
18.2732

■ 174.4470, 2.2446,

26.7950

■ 180.0290, 2.9437,
35.9316

Harmonies

Analogous

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



136.1510, -19.3014, -15.9184



130.3890, -3.6428, -45.0682



119.2610, 17.1263, -80.0359

Triad

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



130.3890, -3.6428, -45.0682



141.7780, 30.1824, -20.8533



144.1340, -19.7861, 46.3635

Complementary

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



130.3890, -3.6428, -45.0682



106.6110, 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.



145.2990, -6.5564, 49.7268



130.3890, -3.6428, -45.0682



146.8810, 20.7647, 13.2594

Square

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



130.3890, -3.6428, -45.0682



130.5620, 34.2329, -60.1289



147.3050, 7.7376, 38.3205



142.5700, -27.8890, 31.9491

Rectangle

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



130.3890, -3.6428, -45.0682



113.1690, 29.9897, -99.2492



147.3050, 7.7376, 38.3205



144.5950, -15.5763, 49.4672

Sweetspot

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



130.3890, -3.6428, -45.0682



196.1350, -1.5456, -17.6584



136.1370, -28.1685, -18.5371



98.2930, -1.1304, -10.7810



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



130.3890, -3.6428, -45.0682



163.6540, -5.7454, -70.7336



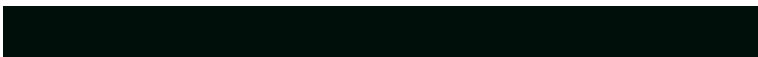
132.0310, 12.8027, -46.5082



76.2660, -0.1311, -4.6183



93.0610, -6.4391, -81.6145



9.8310, -0.4097, -8.6218

Inverse Universe

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



106.6110, 3.6428, 45.0682



126.3460, 5.7454, 70.7336



104.9690, -12.8027, 46.5082



73.8480, 0.5679, 4.5183



49.9390, 6.4391, 81.6145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 130.3890, -3.6428, -45.0682 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 130.3890, -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 × Fail

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

YUV 130.3890, -3.6428, -45.0682 Background



This preview shows how black text looks on a background with the YUV color 130.3890, -3.6428, -45.0682.



This preview shows how white text looks on a background with the YUV color 130.3890, -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

130.3890, -3.6428, -45.0682

Protanopia

141.6130, -13.1202, 8.2324

Deuteranopia

143.3350, -8.0532, 16.3692



Tritanopia

135.2430, 14.6702, -38.8011

Trichromacy



Original Color

130.3890, -3.6428, -45.0682

Protanomaly

137.7030, -9.7136, -11.1405

Deuteranomaly

138.9470, -6.3829, -6.0925

Tritanomaly

133.5110, 8.1291, -40.7901

Monochromacy



Original Color

130.3890, -3.6428, -45.0682

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.8470, -1.4036, -16.5288

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.3890, -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(79, 158, 123)` looks like.

```
.text, #text, p{  
    color:rgb(79, 158, 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(79, 158, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 158, 123) }
```

Border

The CSS property to change the border of an element to YUV 130.3890, -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(79, 158, 123) }
```


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

```
.border{ border-color:rgb(79, 158, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 158, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 158, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 158, 123);  
box-shadow:4px 4px 4px 4px rgb(79, 158,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 130.3890, -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(79, 158, 123) }
```

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

```
.background{ background-color: rgb(79, 158,  
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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