

Converting Colors

YUV(128.4380, 15.5601,
-44.2341)

Have a look what the booklet for
YUV(128.4380, 15.5601, -44.2341)
contains.

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Color

**YUV(128.4380, 15.5601,
-44.2341)**

Conversions

Conversions Part 1

Format	Color
Hex	4E94A0
RGB	78, 148, 160
RGB Percent	31%, 58%, 63%
CMY	0.6941, 0.4196, 0.3725
CMYK	0.51, 0.07, 0.00, 0.37
HSL	189°, 34%, 47%
HSV	189°, 51%, 63%
XYZ	20.0770, 25.3376, 37.0902
YIQ	128.4380, -45.5720, -11.1080

Conversions

Conversions Part 2

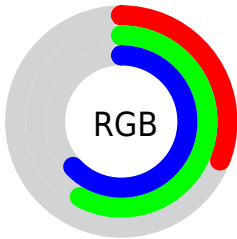
Format	Color
RYB	78, 116, 160
Decimal	5149856
CIELab	57.40, -18.62, -13.12
CIElCh	57, 22.775, 215.179
Yxy	25.3376, 0.2433, 0.3071
Android (android.graphics.Color)	4283339936 (0xFF4E94A0)
YUV	128.4380, 15.5601, -44.2341
Hunter-Lab	50.3364, -16.8931, -8.4521

Details

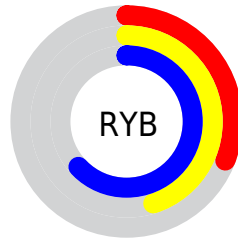
The YUV color **128.4380, 15.5601, -44.2341** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **109.5620, -15.5601, 44.2341**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.8510, 15.8495, -43.7193**, and **73.5510, 17.4764, -52.2262** is the 20% darker color. If you saturate the color by 10%, you get **122.4800, 18.4974, -53.0410**, and if you desaturate by 10%, it is **134.3960, 12.6228, -35.4273**.

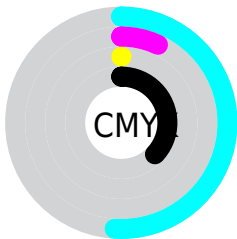
Distribution



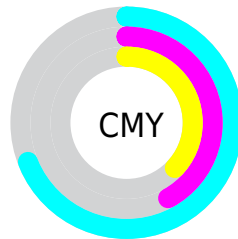
- Red (31%)
- Green (58%)
- Blue (63%)



- Red (31%)
- Yellow (45%)
- Blue (63%)



- Cyan (51%)
- Magenta (7%)
- Yellow (0%)
- Black (37%)



- Cyan (69%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.4380, 15.5601, -44.2341 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 128.4380, 15.5601, -44.2341 by changing the saturation by 10% instead.

■ 128.4380, 15.5601,
-44.2341

■ 128.4380, 15.5601,
-44.2341

■ 255.0000, 0.0000,
0.0000

■ 101.8400, 15.8549,
-45.4637

■ 182.8510, 15.8495,
-43.7193

■ 73.5510, 17.4764,
-52.2262

■ 210.8510, 15.8495,
-43.7193

■ 52.4270, 15.5655,
-45.9785

■ 235.2660, 9.7289,
-40.5753

■ 36.3040, 12.1751,
-31.8386

■ 243.9370, 5.4541,
-22.7467

■ 22.0560, 8.3534,
-19.3431

■ 252.6080, 1.1793,
-4.9182

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 128.4380, 15.5601,
-44.2341

■ 128.4380, 15.5601,
-44.2341

■ 122.4800, 18.4974,
-53.0410

■ 134.3960, 12.6228,
-35.4273

■ 115.9350, 21.7240,
-61.3330

■ 140.9410, 9.3961,
-27.1353

■ 109.9770, 24.6613,
-70.1398

■ 146.8990, 6.4588,
-18.3284

■ 104.0190, 27.5986,
-78.9467

■ 152.8570, 3.5215,
-9.5216

■ 98.6590, 30.2411,
-86.5239

■ 159.4020, 0.2948,
-1.2296

■ 165.3600, -2.6425,
7.5773

■ 171.3180, -5.5798,
16.3841

■ 177.8630, -8.8065,
24.6761

■ 183.8210,
-11.7438, 33.4830

Harmonies

Analogous

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



128.9520, 5.9397, -38.5459



128.4380, 15.5601, -44.2341



131.4590, 20.4797, -35.4825

Triad

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



128.4380, 15.5601, -44.2341



141.2660, 6.7709, 21.6917



136.7290, -19.0934, 10.7617

Complementary

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



128.4380, 15.5601, -44.2341



109.5620, -15.5601, 44.2341

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.



138.1590, -17.8264, 24.4166



128.4380, 15.5601, -44.2341



140.5140, -2.7184, 31.9982

Square

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



128.4380, 15.5601, -44.2341



140.2190, 14.6820, 4.1929



139.5220, -11.5963, 32.8682



134.4710, -14.5292, -6.5521

Rectangle

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



128.4380, 15.5601, -44.2341



135.2370, 20.5892, -23.8868



139.5220, -11.5963, 32.8682



136.7620, -19.1097, 15.9947

Sweetspot

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



128.4380, 15.5601, -44.2341



197.3830, 5.7272, -16.9989



127.3880, -18.9253, -43.3133



97.5580, 3.6689, -10.1364



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.



128.4380, 15.5601, -44.2341



158.9770, 24.6613, -70.1398



104.9580, 27.1357, -23.6422



76.0210, 1.4686, -4.4034



87.9160, 27.1564, -77.1023



9.3410, 2.7899, -8.1921

Inverse Universe

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



110.4980, 18.4885, 43.4133



130.5240, 29.3217, 68.8235



133.0420, -27.1357, 23.6422



74.1900, 1.8783, 4.2184



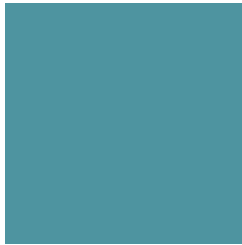
56.6650, 32.2102, 75.7158



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 128.4380, 15.5601, -44.2341 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 128.4380, 15.5601, -44.2341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

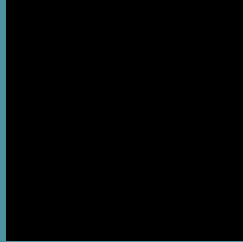
Any Text WCAG AA ✓ Pass

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 128.4380, 15.5601, -44.2341 Background



This preview shows how black text looks on a background with the YUV color 128.4380, 15.5601, -44.2341.



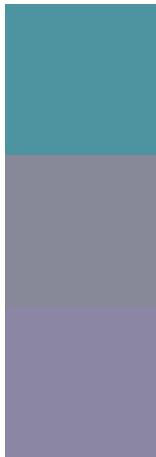
This preview shows how white text looks on a background with the YUV color 128.4380, 15.5601, -44.2341.

-44.2341.

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

128.4380, 15.5601, -44.2341

Protanopia

137.5250, 7.1362, -2.2144

Deuteranopia

138.5020, 12.0775, -0.4403



Tritanopia

128.4380, 15.5601, -44.2341

Trichromacy



Original Color

128.4380, 15.5601, -44.2341

Protanomaly

133.9360, 10.3846, -17.4839

Deuteranomaly

134.7450, 13.4367, -16.4394

Tritanomaly

128.4380, 15.5601, -44.2341

Monochromacy



Original Color

128.4380, 15.5601, -44.2341

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0950, 5.8692, -15.8693

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.4380, 15.5601, -44.2341 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(78, 148, 160)` looks like.

```
.text, #text, p{  
    color:rgb(78, 148, 160)  
}
```

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(78, 148, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 148, 160) }
```

Border

The CSS property to change the border of an element to YUV 128.4380, 15.5601, -44.2341 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(78, 148, 160) }
```


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

```
.border{ border-color:rgb(78, 148, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 148, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 148, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 148, 160);  
box-shadow:4px 4px 4px 4px rgb(78, 148,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 128.4380, 15.5601, -44.2341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 148, 160) }
```

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

```
.background{ background-color: rgb(78, 148,  
160) }
```

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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