

Converting Colors

YUV(128.2420, 16.1497,
-46.6932)

Have a look what the booklet for
YUV(128.2420, 16.1497, -46.6932)
contains.

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Color

**YUV(128.2420, 16.1497,
-46.6932)**

Conversions

Conversions Part 1

Format	Color
Hex	4B95A1
RGB	75, 149, 161
RGB Percent	29%, 58%, 63%
CMY	0.7059, 0.4157, 0.3686
CMYK	0.53, 0.07, 0.00, 0.37
HSL	188°, 36%, 46%
HSV	188°, 53%, 63%
XYZ	20.0821, 25.5640, 37.5941
YIQ	128.2420, -47.9560, -11.9560

Conversions

Conversions Part 2

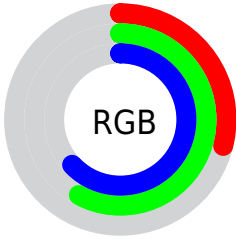
Format	Color
RYB	75, 115, 161
Decimal	4953505
CIELab	57.62, -19.53, -13.38
CIELCh	58, 23.671, 214.407
Yxy	25.5640, 0.2413, 0.3071
Android (android.graphics.Color)	4283143585 (0xFF4B95A1)
YUV	128.2420, 16.1497, -46.6932
Hunter-Lab	50.5608, -17.5835, -8.6921

Details

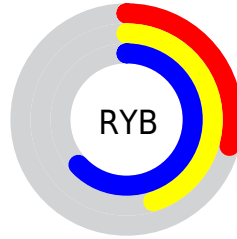
The YUV color **128.2420, 16.1497, -46.6932** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **107.7580, -16.1497, 46.6932**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.6550, 16.4391, -46.1784**, and **71.1480, 18.6610, -58.8888** is the 20% darker color. If you saturate the color by 10%, you get **122.2840, 19.0870, -55.5001**, and if you desaturate by 10%, it is **134.2000, 13.2124, -37.8864**.

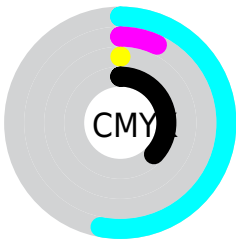
Distribution



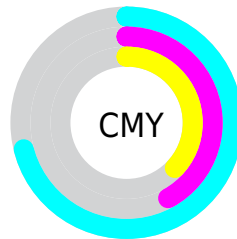
- Red (29%)
- Green (58%)
- Blue (63%)



- Red (29%)
- Yellow (45%)
- Blue (63%)



- Cyan (53%)
- Magenta (7%)
- Yellow (0%)
- Black (37%)



- Cyan (71%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.2420, 16.1497, -46.6932 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 128.2420, 16.1497, -46.6932 by changing the saturation by 10% instead.

■ 128.2420, 16.1497,
-46.6932

■ 128.2420, 16.1497,
-46.6932

■ 255.0000, 0.0000,
0.0000

■ 101.3450, 16.5919,
-48.5376

■ 182.6550, 16.4391,
-46.1784

■ 71.1480, 18.6610,
-58.8888

■ 211.2420, 16.1497,
-46.6932

■ 53.1280, 15.7129,
-46.5933

■ 234.6680, 10.0237,
-41.8048

■ 37.0050, 12.3225,
-32.4534

■ 243.3390, 5.7489,
-23.9763

■ 22.7570, 8.5008,
-19.9579

■ 252.0100, 1.4741,
-6.1478

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 128.2420, 16.1497,
-46.6932

■ 128.2420, 16.1497,
-46.6932

■ 122.2840, 19.0870,
-55.5001

■ 134.2000, 13.2124,
-37.8864

■ 116.3260, 22.0243,
-64.3069

■ 140.1580, 10.2751,
-29.0796

■ 109.7810, 25.2510,
-72.5989

■ 146.7030, 7.0484,
-20.7875

■ 103.8230, 28.1883,
-81.4058

■ 152.6610, 4.1111,
-11.9807

■ 99.9470, 30.0991,
-87.6535

■ 158.6190, 1.1738,
-3.1739

■ 164.8760, -1.9109,
6.2477

■ 171.4210, -5.1376,
14.5398

■ 177.3790, -8.0748,
23.3466

■ 183.3370,
-11.0121, 32.1535

Harmonies

Analogous

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



128.9410, 5.9451, -40.2903



128.2420, 16.1497, -46.6932



131.6760, 21.3587, -37.4269

Triad

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



128.2420, 16.1497, -46.6932



142.0920, 7.3496, 22.7213



136.9140, -19.6776, 11.4764

Complementary

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



128.2420, 16.1497, -46.6932



107.7580, -16.1497, 46.6932

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.



138.7570, -18.1212, 25.6461



128.2420, 16.1497, -46.6932



141.2260, -2.5764, 33.1278

Square

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



128.2420, 16.1497, -46.6932



140.4470, 15.5556, 3.9930



140.1200, -11.8912, 34.0978



134.6560, -15.1134, -5.8373

Rectangle

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



128.2420, 16.1497, -46.6932



135.7530, 21.3208, -25.2164



140.1200, -11.8912, 34.0978



137.8330, -20.1307, 16.8095

Sweetspot

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



128.2420, 16.1497, -46.6932



196.1980, 6.3114, -17.7136



126.7360, -20.0828, -45.3725



97.2590, 3.8163, -10.7511



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.



128.2420, 16.1497, -46.6932



157.7810, 25.2510, -72.5989



103.5880, 28.3041, -25.0717



78.1350, 1.9054, -4.5034



89.9050, 27.1618, -78.8467



10.8570, 3.5215, -9.5216

Inverse Universe

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



109.1500, 19.6461, 45.4725



128.1760, 30.4792, 70.8826



132.4120, -28.3041, 25.0717



76.4890, 1.7309, 4.8331



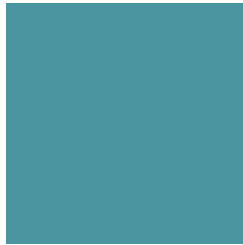
57.6050, 33.2257, 76.6454



7.0920, 3.8986, 9.5663

Previews

White Background



This preview shows how the YUV color 128.2420, 16.1497, -46.6932 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 128.2420, 16.1497, -46.6932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

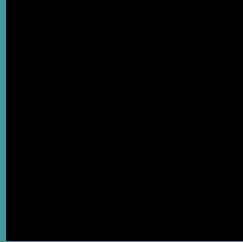
Any Text WCAG AA ✓ Pass

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 128.2420, 16.1497, -46.6932 Background



This preview shows how black text looks on a background with the YUV color 128.2420, 16.1497, -46.6932.



This preview shows how white text looks on a background with the YUV color 128.2420, 16.1497, -46.6932.

-46.6932.

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

128.2420, 16.1497, -46.6932

Protanopia

138.5250, 7.1362, -2.2144

Deuteranopia

139.2030, 12.2249, -1.0550



Tritanopia

128.2420, 16.1497, -46.6932

Trichromacy



Original Color

128.2420, 16.1497, -46.6932

Protanomaly

134.6370, 10.5320, -18.0986

Deuteranomaly

135.1470, 13.7315, -17.6689

Tritanomaly

128.2420, 16.1497, -46.6932

Monochromacy



Original Color

128.2420, 16.1497, -46.6932

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.3830, 5.7272, -16.9989

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.2420, 16.1497, -46.6932 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(75, 149, 161)` looks like.

```
.text, #text, p{  
    color:rgb(75, 149, 161)  
}
```

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(75, 149, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 149, 161) }
```

Border

The CSS property to change the border of an element to YUV 128.2420, 16.1497, -46.6932 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(75, 149, 161) }
```


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

```
.border{ border-color:rgb(75, 149, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 149, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 149, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 149, 161);  
box-shadow:4px 4px 4px 4px rgb(75, 149,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 128.2420, 16.1497, -46.6932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 149, 161) }
```

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

```
.background{ background-color: rgb(75, 149,  
161) }
```

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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