

Converting Colors

YUV(128.7520, 19.3493,
-46.2635)

Have a look what the booklet for
YUV(128.7520, 19.3493, -46.2635)
contains.

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Color

**YUV(128.7520, 19.3493,
-46.2635)**

Conversions

Conversions Part 1

Format	Color
Hex	4C94A8
RGB	76, 148, 168
RGB Percent	30%, 58%, 66%
CMY	0.7020, 0.4196, 0.3412
CMYK	0.55, 0.12, 0.00, 0.34
HSL	193°, 38%, 48%
HSV	193°, 55%, 66%
XYZ	20.6383, 25.5435, 40.8884
YIQ	128.7520, -49.3320, -9.0440

Conversions

Conversions Part 2

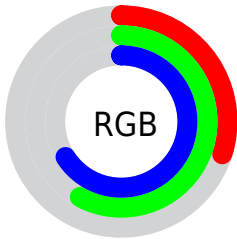
Format	Color
R _Y B	76, 116, 168
Decimal	5018792
CIE _{Lab}	57.60, -16.72, -17.39
CIE _{LCh}	58, 24.127, 226.131
Y _{xy}	25.5435, 0.2370, 0.2934
Android (android.graphics.Color)	4283208872 (0xFF4C94A8)
Y _{UV}	128.7520, 19.3493, -46.2635
Hunter-Lab	50.5405, -15.5553, -12.5885

Details

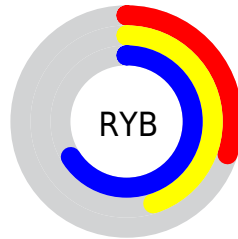
The YUV color **128.7520, 19.3493, -46.2635** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **115.2480, -19.3493, 46.2635**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4640, 19.4912, -45.1339**, and **71.0600, 22.1554, -59.6886** is the 20% darker color. If you saturate the color by 10%, you get **121.3210, 23.0127, -54.6555**, and if you desaturate by 10%, it is **136.1830, 15.6858, -37.8715**.

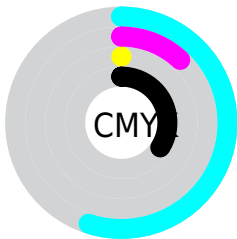
Distribution



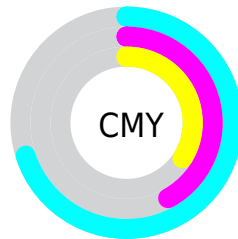
- Red (30%)
- Green (58%)
- Blue (66%)



- Red (30%)
- Yellow (45%)
- Blue (66%)



- Cyan (55%)
- Magenta (12%)
- Yellow (0%)
- Black (34%)



- Cyan (70%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.7520, 19.3493, -46.2635 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 128.7520, 19.3493, -46.2635 by changing the saturation by 10% instead.

■ 128.7520, 19.3493,
-46.2635

■ 128.7520, 19.3493,
-46.2635

■ 255.0000, 0.0000,
0.0000

■ 101.5560, 19.9389,
-48.7226

■ 183.4640, 19.4912,
-45.1339

■ 71.0600, 22.1554,
-59.6886

■ 211.5780, 19.9280,
-45.2339

■ 53.2250, 18.6231,
-46.6783

■ 234.9670, 9.8763,
-41.1901

■ 37.6890, 14.9433,
-33.0533

■ 243.6380, 5.6015,
-23.3615

■ 22.7400, 10.9742,
-19.9430

■ 252.6080, 1.1793,
-4.9182

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 128.7520, 19.3493,
-46.2635

■ 128.7520, 19.3493,
-46.2635

■ 121.3210, 23.0127,
-54.6555

■ 136.1830, 15.6858,
-37.8715

■ 114.4770, 26.3868,
-63.5623

■ 143.0270, 12.3117,
-28.9647

■ 107.3450, 29.9029,
-71.3396

■ 150.1590, 8.7956,
-21.1874

■ 99.9140, 33.5664,
-79.7316

■ 157.5900, 5.1321,
-12.7954

■ 96.0490, 35.4718,
-84.2350

■ 164.4340, 1.7580,
-3.8886

■ 171.8650, -1.9054,
4.5034

■ 179.2960, -5.5689,
12.8954

■ 185.8410, -8.7956,
21.1874

■ 193.2720,
-12.4591, 29.5795

Harmonies

Analogous

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



127.7600, 10.4713, -45.3935



128.7520, 19.3493, -46.2635



133.6490, 22.3580, -31.2642

Triad

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



128.7520, 19.3493, -46.2635



141.8000, 3.5496, 28.2394



136.3970, -18.9297, 4.9138

Complementary

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



128.7520, 19.3493, -46.2635



115.2480, -19.3493, 46.2635

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.



138.2680, -19.8521, 20.8130



128.7520, 19.3493, -46.2635



140.9120, -6.3656, 35.1572

Square

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



128.7520, 19.3493, -46.2635



141.2200, 13.2025, 12.0851



139.5990, -15.0853, 31.9237



133.4100, -12.0341, -13.5146

Rectangle

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



128.7520, 19.3493, -46.2635



137.3950, 21.0043, -17.0094



139.5990, -15.0853, 31.9237



136.5010, -19.9670, 10.9616

Sweetspot

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



128.7520, 19.3493, -46.2635



204.4260, 7.1850, -17.9136



132.2840, -17.8880, -49.3611



100.7860, 4.5425, -10.3363



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



128.7520, 19.3493, -46.2635



157.7470, 30.1977, -72.5691



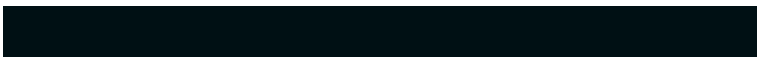
101.7500, 32.6613, -22.5828



80.4340, 1.7580, -3.8886



84.9640, 31.0767, -74.5134



11.6720, 4.1057, -10.2363

Inverse Universe

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



111.7160, 17.8880, 49.3611



130.9380, 28.1316, 77.2304



142.2500, -32.6613, 22.5828



79.0760, 1.4415, 4.3183



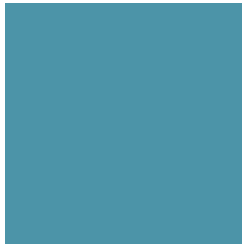
57.4760, 28.8523, 79.3895



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 128.7520, 19.3493, -46.2635 looks on a white background.

Color Contrast Check

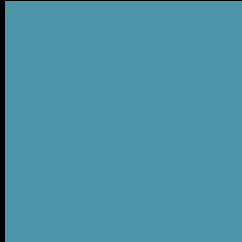
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.7520, 19.3493, -46.2635 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

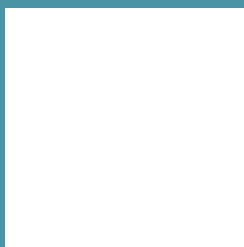
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 128.7520, 19.3493, -46.2635

Background



This preview shows how black text looks on a background with the YUV color 128.7520, 19.3493, -46.2635.



This preview shows how white text looks on a background with the YUV color 128.7520, 19.3493, -46.2635.

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

128.7520, 19.3493, -46.2635

Protanopia

137.8390, 10.9254, -4.2438

Deuteranopia

138.8050, 15.8721, -4.2140



Tritanopia

127.6440, 16.4445, -47.9228

Trichromacy



Original Color

128.7520, 19.3493, -46.2635

Protanomaly

134.2500, 14.1738, -19.5132

Deuteranomaly

135.3470, 17.0839, -19.5983

Tritanomaly

128.2850, 17.6075, -47.6079

Monochromacy



Original Color

128.7520, 19.3493, -46.2635

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0240, 6.8902, -16.6840

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.7520, 19.3493, -46.2635 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(76, 148, 168)` looks like.

```
.text, #text, p{  
    color:rgb(76, 148, 168)  
}
```

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(76, 148, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 148, 168) }
```

Border

The CSS property to change the border of an element to YUV 128.7520, 19.3493, -46.2635 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(76, 148, 168) }
```


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

```
.border{ border-color:rgb(76, 148, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 148, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 148, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 148, 168);  
box-shadow:4px 4px 4px 4px rgb(76, 148,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 128.7520, 19.3493, -46.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 148, 168) }
```

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

```
.background{ background-color: rgb(76, 148,  
168) }
```

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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