

Converting Colors

YUV(112.2640, 19.5898,
-30.0495)

Have a look what the booklet for
YUV(112.2640, 19.5898, -30.0495)
contains.

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Color

**YUV(112.2640, 19.5898,
-30.0495)**

Conversions

Conversions Part 1

Format	Color
Hex	4E7A98
RGB	78, 122, 152
RGB Percent	31%, 48%, 60%
CMY	0.6941, 0.5216, 0.4039
CMYK	0.49, 0.20, 0.00, 0.40
HSL	204°, 32%, 45%
HSV	204°, 49%, 60%
XYZ	15.7689, 17.8058, 32.3115
YIQ	112.2640, -35.8540, 0.0020

Conversions

Conversions Part 2

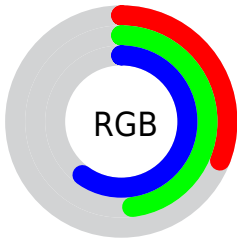
Format	Color
R_{YB}	78, 106, 152
Decimal	5143192
CIE _{Lab}	49.26, -6.55, -20.89
CIE _{LCh}	49, 21.888, 252.588
Yxy	17.8058, 0.2393, 0.2703
Android (android.graphics.Color)	4283333272 (0xFF4E7A98)
YUV	112.2640, 19.5898, -30.0495
Hunter-Lab	42.1969, -7.1393, -15.8624

Details

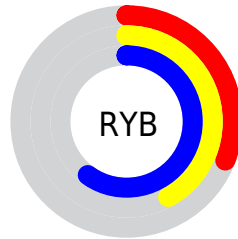
The YUV color **112.2640, 19.5898, -30.0495** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **117.7360, -19.5898, 30.0495**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.7910, 20.3160, -29.6347**, and **60.9430, 19.7481, -34.1530** is the 20% darker color. If you saturate the color by 10%, you get **104.2570, 23.5373, -36.1824**, and if you desaturate by 10%, it is **120.2710, 15.6424, -23.9167**.

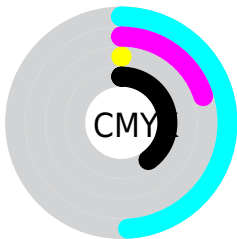
Distribution



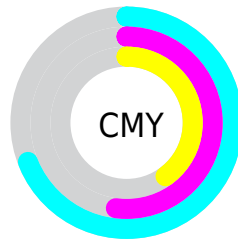
- Red (31%)
- Green (48%)
- Blue (60%)



- Red (31%)
- Yellow (42%)
- Blue (60%)



- Cyan (49%)
- Magenta (20%)
- Yellow (0%)
- Black (40%)



- Cyan (69%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.2640, 19.5898, -30.0495 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 112.2640, 19.5898, -30.0495 by changing the saturation by 10% instead.

■ 112.2640, 19.5898,
-30.0495

■ 112.2640, 19.5898,
-30.0495

■ 255.0000, 0.0000,
0.0000

■ 86.5520, 19.4479,
-31.1791

■ 164.7910, 20.3160,
-29.6347

■ 60.9430, 19.7481,
-34.1530

■ 192.6060, 20.9002,
-30.3495

■ 38.7150, 18.8745,
-33.9531

■ 219.6940, 17.4059,
-29.5496

■ 23.7660, 14.9054,
-20.8428

■ 243.0400, 5.8963,
-24.5911

■ 4.9360, 13.8356,
-4.3289

■ 251.7110, 1.6215,
-6.7625

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,

0.0000

■ 112.2640, 19.5898,
-30.0495

■ 112.2640, 19.5898,
-30.0495

■ 104.2570, 23.5373,
-36.1824

■ 120.2710, 15.6424,
-23.9167

■ 96.2500, 27.4847,
-42.3152

■ 128.2780, 11.6949,
-17.7838

■ 87.9440, 31.5796,
-49.0629

■ 136.5840, 7.6001,
-11.0362

■ 79.3500, 35.8165,
-54.6809

■ 145.1780, 3.3632,
-5.4181

■ 71.3430, 39.7639,
-60.8138

■ 153.1850, -0.5842,
0.7148

■ 70.1580, 40.3481,
-61.5286

■ 161.1920, -4.5317,
6.8476

■ 169.1990, -8.4791,
12.9805

■ 177.5050,
-12.5740, 19.7281

■ 185.5120,
-16.5214, 25.8610

Harmonies

Analogous

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



108.0900, 16.7176, -42.1749



112.2640, 19.5898, -30.0495



116.9290, 17.7830, -10.4617

Triad

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



112.2640, 19.5898, -30.0495



119.0470, -4.4602, 30.6538



112.8450, -11.7556, -9.5111

Complementary

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



112.2640, 19.5898, -30.0495



117.7360, -19.5898, 30.0495

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.



114.9780, -16.7512, 6.1583



112.2640, 19.5898, -30.0495



117.9730, -12.3117, 28.9647

Square

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



112.2640, 19.5898, -30.0495



120.2940, 4.2921, 23.4212



116.9520, -17.2313, 20.2131



110.4390, -2.6814, -26.6950

Rectangle

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



112.2640, 19.5898, -30.0495



119.0940, 14.2507, 2.5486



116.9520, -17.2313, 20.2131



113.8950, -14.2452, -4.2929

Sweetspot

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



112.2640, 19.5898, -30.0495



180.2850, 7.7475, -11.6509



124.8580, -8.3110, -41.0945



89.8080, 4.5317, -6.8476



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



112.2640, 19.5898, -30.0495



134.9120, 30.1164, -46.4038



90.5450, 30.2973, -11.0020



72.2600, 2.3368, -2.8590



64.6810, 37.1323, -56.7252



6.1780, 3.3632, -5.4181

Inverse Universe

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



105.1420, 8.3110, 41.0945



123.8380, 12.8979, 63.2861



139.4550, -30.2973, 11.0020



71.8480, 0.5679, 4.5183



51.3220, 15.6173, 77.7706



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 112.2640, 19.5898, -30.0495 looks on a white background.

Color Contrast Check

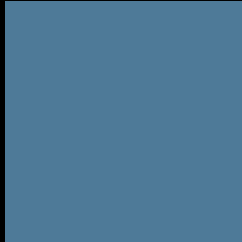
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 112.2640, 19.5898, -30.0495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

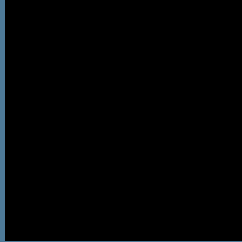
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.2640, 19.5898, -30.0495

Background



This preview shows how black text looks on a background with the YUV color 112.2640, 19.5898, -30.0495.

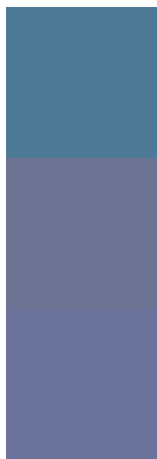


This preview shows how white text looks on a background with the YUV color 112.2640, 19.5898, -30.0495.

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

112.2640, 19.5898, -30.0495

Protanopia

116.8540, 14.8620, -6.8880

Deuteranopia

117.3530, 18.0670, -8.2026



Tritanopia

110.5920, 12.0331, -32.9682

Trichromacy



Original Color

112.2640, 19.5898, -30.0495

Protanomaly

115.5540, 16.4889, -15.3949

Deuteranomaly

115.7110, 18.3835, -16.4095

Tritanomaly

111.2870, 14.6485, -31.8237

Monochromacy



Original Color

112.2640, 19.5898, -30.0495

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.4700, 7.1633, -10.9362

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2640, 19.5898, -30.0495 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, 122, 152)` looks like.

```
.text, #text, p{  
    color:rgb(78, 122, 152)  
}
```

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, 122, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 122, 152) }
```

Border

The CSS property to change the border of an element to YUV 112.2640, 19.5898, -30.0495 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, 122, 152) }
```


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

```
.border{ border-color:rgb(78, 122, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 122, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 122, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 122, 152);  
box-shadow:4px 4px 4px 4px rgb(78, 122,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 112.2640, 19.5898, -30.0495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 122, 152) }
```

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

```
.background{ background-color: rgb(78, 122,  
152) }
```

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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