

Converting Colors

YUV(119.9580, 20.2337,
-49.9522)

Have a look what the booklet for
YUV(119.9580, 20.2337, -49.9522)
contains.

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Color

**YUV(119.9580, 20.2337,
-49.9522)**

Conversions

Conversions Part 1

Format	Color
Hex	3F8DA1
RGB	63, 141, 161
RGB Percent	25%, 55%, 63%
CMY	0.7529, 0.4471, 0.3686
CMYK	0.61, 0.12, 0.00, 0.37
HSL	192°, 44%, 44%
HSV	192°, 61%, 63%
XYZ	18.0078, 22.6797, 37.1467
YIQ	119.9580, -52.9080, -10.3160

Conversions

Conversions Part 2

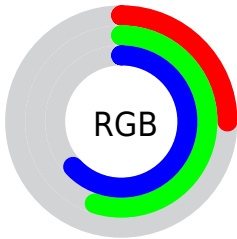
Format	Color
R_{YB}	63, 106, 161
Decimal	4165025
CIE _{Lab}	54.74, -17.74, -17.78
CIE _{LCh}	55, 25.121, 225.061
Yxy	22.6797, 0.2314, 0.2914
Android (android.graphics.Color)	4282355105 (0xFF3F8DA1)
YUV	119.9580, 20.2337, -49.9522
Hunter-Lab	47.6232, -15.8444, -12.9107

Details

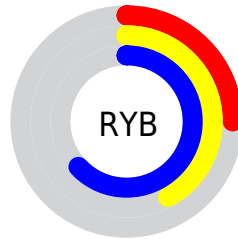
The YUV color **119.9580, 20.2337, -49.9522** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **104.0420, -20.2337, 49.9522**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9690, 20.2283, -48.2078**, and **65.8430, 21.2764, -57.7443** is the 20% darker color. If you saturate the color by 10%, you get **113.4130, 23.4604, -58.2442**, and if you desaturate by 10%, it is **126.5030, 17.0070, -41.6601**.

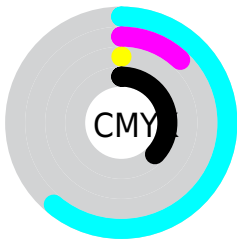
Distribution



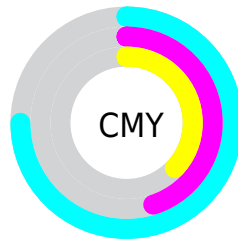
- Red (25%)
- Green (55%)
- Blue (63%)



- Red (25%)
- Yellow (42%)
- Blue (63%)



- Cyan (61%)
- Magenta (12%)
- Yellow (0%)
- Black (37%)



- Cyan (75%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.9580, 20.2337, -49.9522 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 119.9580, 20.2337, -49.9522 by changing the saturation by 10% instead.

■ 119.9580, 20.2337,
-49.9522

■ 119.9580, 20.2337,
-49.9522

■ 255.0000, 0.0000,
0.0000

■ 91.8650, 21.2656,
-54.2556

■ 174.9690, 20.2283,
-48.2078

■ 65.8430, 21.2764,
-57.7443

■ 202.9690, 20.2283,
-48.2078

■ 49.0190, 17.7386,
-42.9897

■ 229.3300, 12.6553,
-45.8934

■ 33.4830, 14.0589,
-29.3646

■ 240.0500, 7.3704,
-30.7388

■ 19.8220, 9.9478,
-17.3839

■ 249.0200, 2.9481,
-12.2955

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 119.9580, 20.2337,
-49.9522

■ 119.9580, 20.2337,
-49.9522

■ 113.4130, 23.4604,
-58.2442

■ 126.5030, 17.0070,
-41.6601

■ 106.2810, 26.9765,
-66.0214

■ 133.6350, 13.4909,
-33.8829

■ 99.7360, 30.2032,
-74.3135

■ 140.1800, 10.2643,
-25.5909

■ 93.4900, 33.2824,
-81.9907

■ 146.7250, 7.0376,
-17.2988

■ 153.5690, 3.6635,
-8.3920

■ 160.7010, 0.1474,
-0.6148

■ 167.2460, -3.0793,
7.6773

■ 173.7910, -6.3060,
15.9693

■ 180.9230, -9.8220,
23.7465

Harmonies

Analogous

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



119.4500, 10.6242, -47.7526



119.9580, 20.2337, -49.9522



125.1540, 23.0951, -34.3381

Triad

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



119.9580, 20.2337, -49.9522



134.3270, 4.2758, 28.6542



128.5820, -19.5139, 5.6286

Complementary

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



119.9580, 20.2337, -49.9522



104.0420, -20.2337, 49.9522

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.



130.7520, -20.5837, 22.1425



119.9580, 20.2337, -49.9522



133.3250, -6.0762, 35.6720

Square

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



119.9580, 20.2337, -49.9522



134.3340, 13.6393, 11.9851



132.1970, -15.3801, 33.1532



126.1820, -12.9077, -13.3146

Rectangle

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



119.9580, 20.2337, -49.9522



129.6120, 21.8833, -18.9537



132.1970, -15.3801, 33.1532



129.6860, -20.5512, 11.6764

Sweetspot

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



119.9580, 20.2337, -49.9522



192.9420, 7.9166, -19.2431



122.8060, -19.6244, -52.4499



95.1880, 4.8373, -11.5659



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.



119.9580, 20.2337, -49.9522



145.0560, 31.5244, -78.1021



91.1950, 34.4139, -24.7270



78.1350, 1.9054, -4.5034



84.6220, 29.7664, -74.2135



10.2700, 3.8109, -9.0068

Inverse Universe

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



101.1940, 19.6244, 52.4499



115.6550, 30.7361, 81.8636



132.8050, -34.4139, 24.7270



76.4890, 1.7309, 4.8331



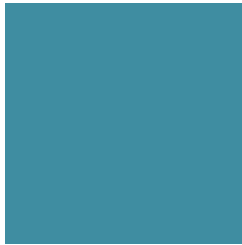
56.5790, 29.2946, 77.5452



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 119.9580, 20.2337, -49.9522 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 119.9580, 20.2337, -49.9522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

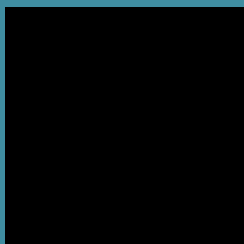
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.9580, 20.2337, -49.9522

Background



This preview shows how black text looks on a background with the YUV color 119.9580, 20.2337, -49.9522.



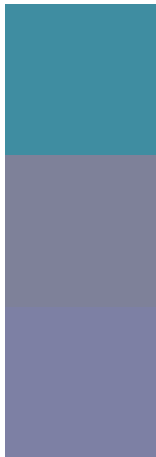
This preview shows how white text looks on a background with the YUV color 119.9580, 20.2337, -49.9522.

-49.9522.

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

119.9580, 20.2337, -49.9522

Protanopia

130.8390, 10.9254, -4.2438

Deuteranopia

131.2070, 16.1669, -5.4435



Tritanopia

118.8500, 17.3290, -51.6114

Trichromacy



Original Color

119.9580, 20.2337, -49.9522

Protanomaly

126.6520, 14.4686, -20.7428

Deuteranomaly

127.1510, 17.6736, -22.0574

Tritanomaly

119.4910, 18.4919, -51.2966

Monochromacy



Original Color

119.9580, 20.2337, -49.9522

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1270, 7.3324, -18.5284

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.9580, 20.2337, -49.9522 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(63, 141, 161)` looks like.

```
.text, #text, p{  
    color:rgb(63, 141, 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(63, 141, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 141, 161) }
```

Border

The CSS property to change the border of an element to YUV 119.9580, 20.2337, -49.9522 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(63, 141, 161) }
```


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

```
.border{ border-color:rgb(63, 141, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 141, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 141, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 141, 161);  
box-shadow:4px 4px 4px 4px rgb(63, 141,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 119.9580, 20.2337, -49.9522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 141, 161) }
```

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

```
.background{ background-color: rgb(63, 141,  
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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