

Converting Colors

YUV(120.1370, 1.9045,
-50.9861)

Have a look what the booklet for
YUV(120.1370, 1.9045, -50.9861)
contains.

YUV(120.1370, 1.9045, -50.9861)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(120.1370, 1.9045,
-50.9861)**

Conversions

Conversions Part 1

Format	Color
Hex	3E957C
RGB	62, 149, 124
RGB Percent	24%, 58%, 49%
CMY	0.7569, 0.4157, 0.5137
CMYK	0.58, 0.00, 0.17, 0.42
HSL	163°, 41%, 41%
HSV	163°, 58%, 58%
XYZ	16.3721, 23.9743, 22.8334
YIQ	120.1370, -43.8270, -26.2190

Conversions

Conversions Part 2

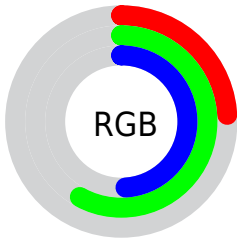
Format	Color
RYB	62, 113, 149
Decimal	4101500
CIELab	56.06, -32.41, 5.42
CIElCh	56, 32.861, 170.503
Yxy	23.9743, 0.2591, 0.3795
Android (android.graphics.Color)	4282291580 (0xFF3E957C)
YUV	120.1370, 1.9045, -50.9861
Hunter-Lab	48.9635, -26.0003, 6.6255

Details

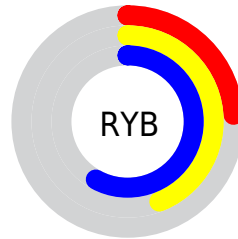
The YUV color **120.1370, 1.9045, -50.9861** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **90.8630, -1.9045, 50.9861**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.7950, 0.5941, -50.6862**, and **65.4890, 4.6889, -57.4339** is the 20% darker color. If you saturate the color by 10%, you get **115.1960, 2.3684, -59.8079**, and if you desaturate by 10%, it is **125.0780, 1.4405, -42.1644**.

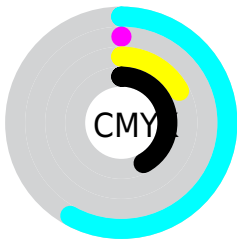
Distribution



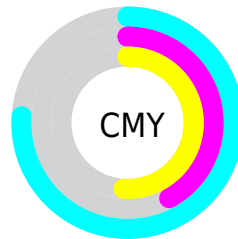
- Red (24%)
- Green (58%)
- Blue (49%)



- Red (24%)
- Yellow (44%)
- Blue (58%)



- Cyan (58%)
- Magenta (0%)
- Yellow (17%)
- Black (42%)



- Cyan (76%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.1370, 1.9045, -50.9861 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 120.1370, 1.9045, -50.9861 by changing the saturation by 10% instead.

■ 120.1370, 1.9045,
-50.9861

■ 120.1370, 1.9045,
-50.9861

■ 255.0000, 0.0000,
0.0000

■ 92.7560, 3.0783,
-54.1600

■ 174.7950, 0.5941,
-50.6862

■ 65.4890, 4.6889,
-57.4339

■ 202.7950, 0.5941,
-50.6862

■ 48.8930, 2.0248,
-42.8792

■ 227.8600, 2.0410,
-48.1122

■ 32.8840, -0.9288,
-28.8393

■ 239.1530, 7.8126,
-32.5832

■ 18.5220, -5.1873,
-16.2438

■ 247.8240, 3.5378,
-14.7546

■ 0.0000, 0.0000,
0.0000

■ 120.1370, 1.9045,
-50.9861

■ 120.1370, 1.9045,
-50.9861

■ 115.1960, 2.3684,
-59.8079

■ 125.0780, 1.4405,
-42.1644

■ 110.1410, 2.3955,
-68.5297

■ 130.1330, 1.4134,
-33.4426

■ 105.2000, 2.8594,
-77.3514

■ 135.0740, 0.9495,
-24.6209

■ 100.2590, 3.3233,
-86.1731

■ 140.0150, 0.4856,
-15.7992

■ 99.5470, 3.1813,
-87.3027

■ 144.9560, 0.0217,
-6.9774

■ 149.7120, 0.1420,
1.1296

■ 154.6530, -0.3219,
9.9513

■ 159.5940, -0.7858,

18.7731

■ 164.6490, -0.8130,
27.4948

Harmonies

Analogous

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



126.0730, -14.3330, -22.8660



120.1370, 1.9045, -50.9861



106.4000, 22.9738, -88.9278

Triad

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



120.1370, 1.9045, -50.9861



134.8180, 26.2187, -9.4874



134.9330, -21.6590, 40.4008

Complementary

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



120.1370, 1.9045, -50.9861



90.8630, -1.9045, 50.9861

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.



136.3650, -10.0399, 47.0379



120.1370, 1.9045, -50.9861



138.0730, 16.2330, 20.1070

Square

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



120.1370, 1.9045, -50.9861



126.2650, 31.4214, -44.9594



137.8770, 3.5116, 40.4499



133.3410, -27.2831, 24.2569

Rectangle

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



120.1370, 1.9045, -50.9861



106.3700, 31.8626, -93.2865



137.8770, 3.5116, 40.4499



135.5790, -18.0334, 44.2192

Sweetspot

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



120.1370, 1.9045, -50.9861



182.3950, 0.7913, -20.5174



120.8430, -29.0096, -28.8033



90.0370, 0.4748, -12.3104



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



120.1370, 1.9045, -50.9861



148.8900, 3.0122, -79.7105



113.0080, 17.7441, -44.7340



71.6790, 0.1583, -4.1035



92.1780, 2.8702, -80.8401



6.6680, 0.1637, -5.8478

Inverse Universe

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



90.8630, -1.9045, 50.9861



103.1100, -3.0122, 79.7105



97.9920, -17.7441, 44.7340



69.3210, -0.1583, 4.1035



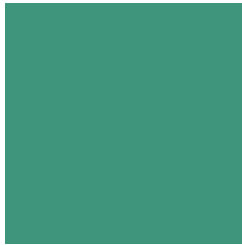
45.8220, -2.8702, 80.8401



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 120.1370, 1.9045, -50.9861 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 120.1370, 1.9045, -50.9861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

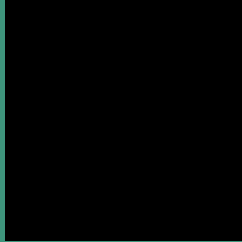
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.1370, 1.9045, -50.9861

Background



This preview shows how black text looks on a background with the YUV color 120.1370, 1.9045, -50.9861.



This preview shows how white text looks on a background with the YUV color 120.1370, 1.9045, -50.9861.

-50.9861.

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

120.1370, 1.9045, -50.9861

Protanopia

133.1550, -8.4574, 6.0031

Deuteranopia

134.5670, -3.2375, 11.7807



Tritanopia

124.7260, 15.4181, -45.3637

Trichromacy



Original Color

120.1370, 1.9045, -50.9861

Protanomaly

128.6470, -4.7560, -14.5994

Deuteranomaly

129.2930, -1.1304, -10.7810

Tritanomaly

122.7490, 10.4767, -47.1379

Monochromacy



Original Color

120.1370, 1.9045, -50.9861

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.2920, 0.3490, -18.6731

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1370, 1.9045, -50.9861 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(62, 149, 124)` looks like.

```
.text, #text, p{  
    color:rgb(62, 149, 124)  
}
```

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(62, 149, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 149, 124) }
```

Border

The CSS property to change the border of an element to YUV 120.1370, 1.9045, -50.9861 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(62, 149, 124) }
```


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

```
.border{ border-color:rgb(62, 149, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 149, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 149, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 149, 124);  
box-shadow:4px 4px 4px 4px rgb(62, 149,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 120.1370, 1.9045, -50.9861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 149, 124) }
```

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

```
.background{ background-color: rgb(62, 149,  
124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor