

Converting Colors

YUV(121.6760, 1.1457,
-40.9349)

Have a look what the booklet for
YUV(121.6760, 1.1457, -40.9349)
contains.

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Color

**YUV(121.6760, 1.1457,
-40.9349)**

Conversions

Conversions Part 1

Format	Color
Hex	4B917C
RGB	75, 145, 124
RGB Percent	29%, 57%, 49%
CMY	0.7059, 0.4314, 0.5137
CMYK	0.48, 0.00, 0.14, 0.43
HSL	162°, 32%, 43%
HSV	162°, 48%, 57%
XYZ	16.6651, 23.2019, 22.6688
YIQ	121.6760, -34.9790, -21.3710

Conversions

Conversions Part 2

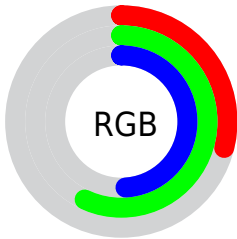
Format	Color
R_{YB}	75, 116, 145
Decimal	4952444
CIE _{Lab}	55.28, -27.39, 4.36
CIE _{LCh}	55, 27.734, 170.957
Yxy	23.2019, 0.2665, 0.3710
Android (android.graphics.Color)	4283142524 (0xFF4B917C)
YUV	121.6760, 1.1457, -40.9349
Hunter-Lab	48.1683, -22.5377, 5.8149

Details

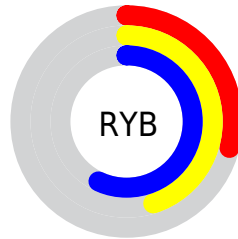
The YUV color **121.6760, 1.1457, -40.9349** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **98.3240, -1.1457, 40.9349**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1490, 0.4195, -41.3497**, and **69.1100, 2.9038, -44.8235** is the 20% darker color. If you saturate the color by 10%, you get **117.0340, 1.4622, -49.1418**, and if you desaturate by 10%, it is **126.6170, 0.6818, -32.1131**.

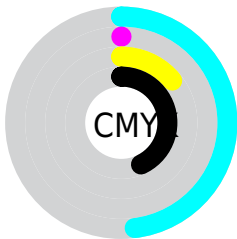
Distribution



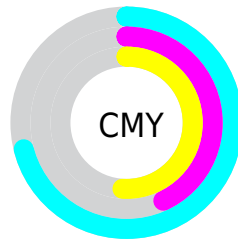
- Red (29%)
- Green (57%)
- Blue (49%)



- Red (29%)
- Yellow (45%)
- Blue (57%)



- Cyan (48%)
- Magenta (0%)
- Yellow (14%)
- Black (43%)



- Cyan (71%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.6760, 1.1457, -40.9349 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 121.6760, 1.1457, -40.9349 by changing the saturation by 10% instead.

■ 121.6760, 1.1457,
-40.9349

■ 121.6760, 1.1457,
-40.9349

■ 255.0000, 0.0000,
0.0000

■ 95.4910, 1.7299,
-41.6496

■ 175.1490, 0.4195,
-41.3497

■ 69.1100, 2.9038,
-44.8235

■ 202.8500, 0.5670,
-41.9644

■ 47.1320, 2.8929,
-41.3348

■ 230.8500, 0.5670,
-41.9644

■ 31.1230, -0.0606,
-27.2949

■ 242.1430, 6.3385,
-26.4354

■ 16.7610, -4.3192,
-14.6994

■ 250.8140, 2.0637,
-8.6069

■ 0.0000, 0.0000,
0.0000

■ 121.6760, 1.1457,
-40.9349

■ 121.6760, 1.1457,
-40.9349

■ 117.0340, 1.4622,
-49.1418

■ 126.6170, 0.6818,
-32.1131

■ 111.9790, 1.4894,
-57.8636

■ 131.3730, 0.8021,
-24.0061

■ 107.0380, 1.9533,
-66.6853

■ 136.0150, 0.4856,
-15.7992

■ 102.3960, 2.2698,
-74.8923

■ 140.9560, 0.0217,
-6.9774

■ 97.3410, 2.2969,
-83.6141

■ 145.7120, 0.1420,
1.1296

■ 96.7430, 2.5917,
-84.8436

■ 150.6530, -0.3219,
9.9513

■ 155.5940, -0.7858,
18.7731

■ 160.3500, -0.6655,

26.8801

■ 165.2910, -1.1295,
35.7018

Harmonies

Analogous

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



125.9640, -12.3073, -19.2624



121.6760, 1.1457, -40.9349



117.3500, 15.6035, -58.1889

Triad

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



121.6760, 1.1457, -40.9349



133.2760, 21.5559, -7.2581



133.1110, -18.2957, 34.9827

Complementary

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



121.6760, 1.1457, -40.9349



98.3240, -1.1457, 40.9349

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.



134.5490, -9.1447, 39.8605



121.6760, 1.1457, -40.9349



135.6660, 13.4757, 17.8329

Square

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



121.6760, 1.1457, -40.9349



127.1370, 25.5685, -34.3231



135.9040, 2.5123, 34.2872



131.1710, -22.7623, 20.8980

Rectangle

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



121.6760, 1.1457, -40.9349



117.7610, 22.3028, -60.3034



135.9040, 2.5123, 34.2872



133.5180, -15.5384, 37.2567

Sweetspot

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



121.6760, 1.1457, -40.9349



180.0150, 0.4856, -15.7992



122.3690, -23.3529, -23.1256



88.7600, 0.6113, -9.4365



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



121.6760, 1.1457, -40.9349



152.3480, 1.8004, -64.3262



115.8520, 14.3700, -35.8272



68.6790, 0.1583, -4.1035



90.0750, 2.4280, -78.9958



5.2660, -0.1311, -4.6183

Inverse Universe

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



98.3240, -1.1457, 40.9349



115.6520, -1.8004, 64.3262



104.1480, -14.3700, 35.8272



66.3210, -0.1583, 4.1035



45.0390, -1.9912, 78.8958



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 121.6760, 1.1457, -40.9349 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 121.6760, 1.1457, -40.9349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

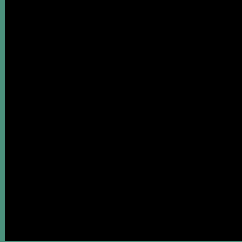
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.6760, 1.1457, -40.9349

Background



This preview shows how black text looks on a background with the YUV color 121.6760, 1.1457, -40.9349.



This preview shows how white text looks on a background with the YUV color 121.6760, 1.1457,

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

121.6760, 1.1457, -40.9349

Protanopia

131.1980, -6.9996, 5.0884

Deuteranopia

132.7950, -2.3639, 11.5808



Tritanopia

124.9120, 13.3544, -36.7568

Trichromacy



Original Color

121.6760, 1.1457, -40.9349

Protanomaly

127.5980, -3.7458, -11.9254

Deuteranomaly

129.0160, -0.9939, -7.9070

Tritanomaly

123.4620, 9.1392, -38.1162

Monochromacy



Original Color

121.6760, 1.1457, -40.9349

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.7270, 0.6276, -14.6696

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.6760, 1.1457, -40.9349 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, 145, 124)` looks like.

```
.text, #text, p{  
    color:rgb(75, 145, 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(75, 145, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 145, 124) }
```

Border

The CSS property to change the border of an element to YUV 121.6760, 1.1457, -40.9349 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, 145, 124) }
```


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

```
.border{ border-color:rgb(75, 145, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 145, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 145, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 145, 124);  
box-shadow:4px 4px 4px 4px rgb(75, 145,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 121.6760, 1.1457, -40.9349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 145, 124) }
```

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

```
.background{ background-color: rgb(75, 145,  
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](#).

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