

Converting Colors

YUV(121.0720, 0.4575,
-53.5601)

Have a look what the booklet for
YUV(121.0720, 0.4575, -53.5601)
contains.

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Color

**YUV(121.0720, 0.4575,
-53.5601)**

Conversions

Conversions Part 1

Format	Color
Hex	3C987A
RGB	60, 152, 122
RGB Percent	24%, 60%, 48%
CMY	0.7647, 0.4039, 0.5216
CMYK	0.61, 0.00, 0.20, 0.40
HSL	160°, 43%, 42%
HSV	160°, 61%, 60%
XYZ	16.6046, 24.8223, 22.3284
YIQ	121.0720, -45.2020, -28.8340

Conversions

Conversions Part 2

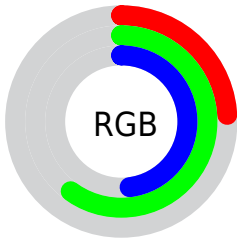
Format	Color
R_{YB}	60, 115, 152
Decimal	3971194
CIE _{Lab}	56.90, -34.72, 7.75
CIE _{LCh}	57, 35.576, 167.413
Yxy	24.8223, 0.2604, 0.3893
Android (android.graphics.Color)	4282161274 (0xFF3C987A)
YUV	121.0720, 0.4575, -53.5601
Hunter-Lab	49.8220, -27.6983, 8.3038

Details

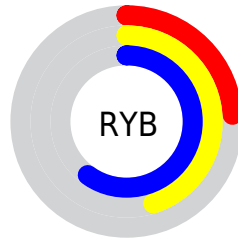
The YUV color **121.0720, 0.4575, -53.5601** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **90.9280, -0.4575, 53.5601**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.0290, -1.0003, -52.6454**, and **67.0220, 2.9472, -58.7783** is the 20% darker color. If you saturate the color by 10%, you get **116.0170, 0.4846, -62.2819**, and if you desaturate by 10%, it is **126.1270, 0.4304, -44.8384**.

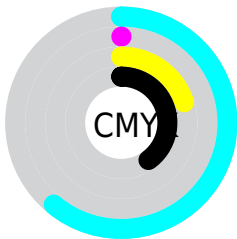
Distribution



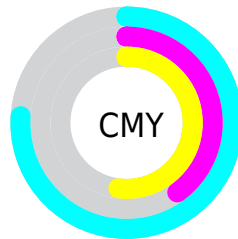
- Red (24%)
- Green (60%)
- Blue (48%)



- Red (24%)
- Yellow (45%)
- Blue (60%)



- Cyan (61%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)



- Cyan (76%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.0720, 0.4575, -53.5601 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 121.0720, 0.4575, -53.5601 by changing the saturation by 10% instead.

■ 121.0720, 0.4575,
-53.5601

■ 121.0720, 0.4575,
-53.5601

■ 255.0000, 0.0000,
0.0000

■ 93.0930, 1.9262,
-57.9636

■ 176.0290, -1.0003,
-52.6454

■ 67.0220, 2.9472,
-58.7783

■ 204.0290, -1.0003,
-52.6454

■ 50.4260, 0.2830,
-44.2236

■ 227.3330, 1.3148,
-48.5270

■ 33.9440, -1.9444,
-29.7689

■ 238.8540, 7.9600,
-33.1980

■ 19.3540, -7.0765,
-16.9735

■ 247.5250, 3.6852,
-15.3694

■ 0.0000, 0.0000,
0.0000

■ 121.0720, 0.4575,
-53.5601

■ 121.0720, 0.4575,
-53.5601

■ 116.0170, 0.4846,
-62.2819

■ 126.1270, 0.4304,
-44.8384

■ 110.9620, 0.5117,
-71.0037

■ 131.1820, 0.4033,
-36.1166

■ 105.6080, 0.6863,
-80.3402

■ 136.5360, 0.2288,
-26.7801

■ 100.8520, 0.5660,
-88.4472

■ 141.5910, 0.2016,
-18.0583

■ 146.6460, 0.1745,
-9.3365

■ 151.7010, 0.1474,
-0.6148

■ 156.7560, 0.1203,
8.1070

■ 162.1100, -0.0542,

17.4435

■ 167.1650, -0.0813,
26.1653

Harmonies

Analogous

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



128.2750, -17.3906, -22.1662



121.0720, 0.4575, -53.5601



107.3670, 22.9901, -94.1609

Triad

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



121.0720, 0.4575, -53.5601



136.2950, 29.4346, -14.2907



136.5530, -21.9646, 45.1190

Complementary

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



121.0720, 0.4575, -53.5601



90.9280, -0.4575, 53.5601

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.



138.0280, -8.8878, 50.8414



121.0720, 0.4575, -53.5601



140.4580, 19.0012, 18.8923

Square

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



121.0720, 0.4575, -53.5601



125.5240, 35.2377, -55.7105



139.7570, 5.5428, 42.3091



135.2060, -29.1886, 28.7603

Rectangle

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



121.0720, 0.4575, -53.5601



108.3590, 31.8680, -95.0308



139.7570, 5.5428, 42.3091



137.1990, -18.3391, 48.9375

Sweetspot

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



121.0720, 0.4575, -53.5601



184.2810, 0.3545, -20.4174



123.2730, -31.1936, -28.3034



91.9230, 0.0380, -12.2105



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.



121.0720, 0.4575, -53.5601



147.9990, 0.9865, -83.3141



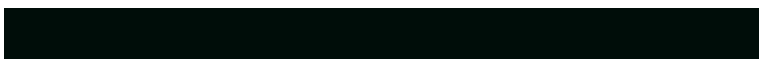
115.6870, 17.9023, -48.8375



74.2660, -0.1311, -4.6183



93.0100, 0.9811, -81.5698



8.6570, 0.1691, -7.5922

Inverse Universe

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



90.9280, -0.4575, 53.5601



101.1150, -0.5497, 83.2141



96.3130, -17.9023, 48.8375



71.6200, -0.3057, 4.7183



47.1040, -0.5443, 81.4698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 121.0720, 0.4575, -53.5601 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 121.0720, 0.4575, -53.5601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

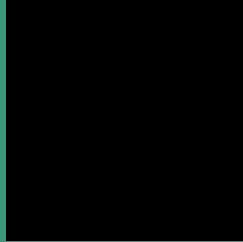
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.0720, 0.4575, -53.5601

Background



This preview shows how black text looks on a background with the YUV color 121.0720, 0.4575, -53.5601.



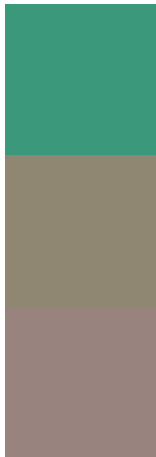
This preview shows how white text looks on a background with the YUV color 121.0720, 0.4575,

-53.5601.

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

121.0720, 0.4575, -53.5601

Protanopia

134.9980, -10.3520, 7.0178

Deuteranopia

136.8230, -4.8427, 13.3102



Tritanopia

126.2420, 16.1497, -46.6932

Trichromacy



Original Color

121.0720, 0.4575, -53.5601

Protanomaly

129.8920, -6.3558, -14.8143

Deuteranomaly

131.4240, -3.1670, -10.8958

Tritanomaly

124.4390, 10.6296, -49.4970

Monochromacy



Original Color

121.0720, 0.4575, -53.5601

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8790, 0.0597, -19.1879

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.0720, 0.4575, -53.5601 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(60, 152, 122)` looks like.

```
.text, #text, p{  
    color:rgb(60, 152, 122)  
}
```

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(60, 152, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 152, 122) }
```

Border

The CSS property to change the border of an element to YUV 121.0720, 0.4575, -53.5601 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(60, 152, 122) }
```


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

```
.border{ border-color:rgb(60, 152, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 152, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 152, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 152, 122);  
box-shadow:4px 4px 4px 4px rgb(60, 152,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 121.0720, 0.4575, -53.5601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 152, 122) }
```

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

```
.background{ background-color: rgb(60, 152,  
122) }
```

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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