

Converting Colors

YUV(120.2350, -3.0739, 5.9329)

Have a look what the booklet for
YUV(120.2350, -3.0739, 5.9329)
contains.

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Color

**YUV(120.2350, -3.0739,
5.9329)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7F7672 |
| RGB | 127, 118, 114 |
| RGB Percent | 50%, 46%, 45% |
| CMY | 0.5020, 0.5373, 0.5529 |
| CMYK | 0.00, 0.07, 0.10, 0.50 |
| HSL | 18°, 5%, 47% |
| HSV | 18°, 10%, 50% |
| XYZ | 18.2681, 18.6838, 18.5631 |
| YIQ | 120.2350, 6.6480, 0.6640 |

Conversions

Conversions Part 2

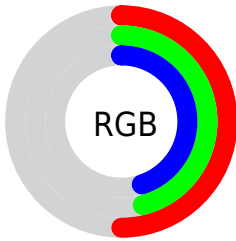
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 127, 120, 114 |
| Decimal | 8353394 |
| CIE Lab | 50.32, 2.71, 3.44 |
| CIE LCh | 50, 4.377, 51.762 |
| Yxy | 18.6838, 0.3291, 0.3366 |
| Android (android.graphics.Color) | 4286543474 (0xFF7F7672) |
| YUV | 120.2350, -3.0739, 5.9329 |
| Hunter-Lab | 43.2248, -0.2038, 4.7949 |

Details

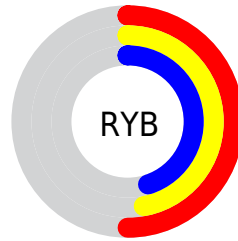
The YUV color $120.2350, -3.0739, 5.9329$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $120.7650, 3.0739, -5.9329$, and the grayscale version is $120.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $172.5340, -3.2213, 6.5477$, and $71.9360, -2.9264, 5.3181$ is the 20% darker color. If you saturate the color by 10%, you get $113.4700, -6.1477, 11.8658$, and if you desaturate by 10%, it is $127.0000, 0.0000, 0.0000$.

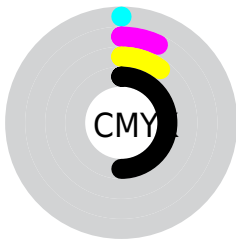
Distribution



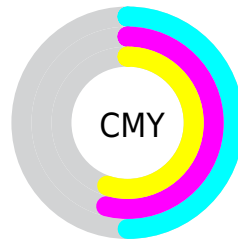
- Red (50%)
- Green (46%)
- Blue (45%)



- Red (50%)
- Yellow (47%)
- Blue (45%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (50%)



- Cyan (50%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.2350, -3.0739, 5.9329 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 120.2350, -3.0739, 5.9329 by changing the saturation by 10% instead.


 120.2350, -3.0739,
5.9329

 120.2350, -3.0739,
5.9329


255.0000, 0.0000,
0.0000


 95.3490, -2.6371,
5.8329


 172.5340, -3.2213,
6.5477


 71.9360, -2.9264,
5.3181


 199.5340, -3.2213,
6.5477


 49.0500, -2.4896,
5.2182

 227.8330, -3.3687,
7.1625

 28.7510, -2.3422,
4.6034

 253.7290, -2.3314,
1.1147

 2.6910, -1.3267,
5.5330

 0.0000, 0.0000,
0.0000

■ 120.2350, -3.0739,
5.9329

■ 120.2350, -3.0739,
5.9329

■ 113.4700, -6.1477,
11.8658

■ 127.0000, 0.0000,
0.0000

■ 106.8190, -8.7848,
17.6987

■ 133.6510, 2.6371,
-5.8329

■ 100.6410,
-12.1480, 23.1168

■ 139.8290, 6.0003,
-11.2510

■ 93.8760, -15.2219,
29.0497

■ 146.5940, 9.0742,
-17.1839

■ 87.2250, -17.8589,
34.8827

■ 153.3590, 12.1480,
-23.1168

■ 80.4600, -20.9328,
40.8156

■ 160.0100, 14.7851,
-28.9498

■ 73.6950, -24.0066,
46.7485

■ 166.7750, 17.8589,
-34.8827

■ 67.5170, -27.3699,

■ 172.9530, 21.2222,

52.1666

-40.3008

■ 60.8660, -30.0069,
57.9995

■ 179.6040, 23.8592,
-46.1337

Harmonies

Analogous

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



120.2890, -1.6215, 6.7625



120.2350, -3.0739, 5.9329



119.6970, -3.7946, 3.7737

Triad

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



120.2350, -3.0739, 5.9329



118.6680, 0.1637, -5.8478



119.9120, 3.4944, -0.7998

Complementary

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



120.2350, -3.0739, 5.9329



120.7650, 3.0739, -5.9329

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.



119.3030, 3.7946, -3.7737



120.2350, -3.0739, 5.9329



118.7110, 1.6215, -6.7625

Square

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



120.2350, -3.0739, 5.9329



118.8210, -1.8838, -2.4740



118.7650, 3.0739, -5.9329



120.4780, 1.7363, 3.0888

Rectangle

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



120.2350, -3.0739, 5.9329



119.3870, -3.6418, 1.4146



118.7650, 3.0739, -5.9329



120.2000, 3.3524, -1.9294

Sweetspot

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



120.2350, -3.0739, 5.9329



163.0820, -1.0264, 2.5591



118.9130, 2.0149, 7.0923



82.4840, -0.7316, 1.3295



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



120.2350, -3.0739, 5.9329



155.5020, -4.6845, 9.2067



123.7570, -4.8102, 2.8441



60.2670, -1.6106, 3.2738



61.1650, -30.1543, 58.6143



0.0000, 0.0000, 0.0000

Inverse Universe

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



120.7650, 3.0739, -5.9329



156.4980, 4.6845, -9.2067



117.2430, 4.8102, -2.8441



60.7330, 1.6106, -3.2738



66.2480, 30.4437, -58.0995



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 120.2350, -3.0739, 5.9329 looks on a white background.

Color Contrast Check

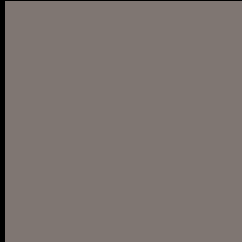
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.2350, -3.0739, 5.9329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

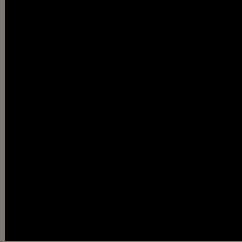
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.2350, -3.0739, 5.9329

Background



This preview shows how black text looks on a background with the YUV color 120.2350, -3.0739, 5.9329.



This preview shows how white text looks on a background with the YUV color 120.2350, -3.0739,

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

120.2350, -3.0739, 5.9329

Protanopia

119.7400, -2.3368, 2.8590

Deuteranopia

120.8550, -3.3795, 10.6512



Tritanopia

120.9130, 2.0149, 7.0923

Trichromacy



Original Color

120.2350, -3.0739, 5.9329

Protanomaly

120.0390, -2.4842, 3.4738

Deuteranomaly

120.8440, -3.3741, 8.9068

Tritanomaly

120.7450, 0.1257, 6.3626

Monochromacy



Original Color

120.2350, -3.0739, 5.9329

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0820, -1.0264, 2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2350, -3.0739, 5.9329 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(127, 118, 114)` looks like.

```
.text, #text, p{  
    color:rgb(127, 118, 114)  
}
```

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(127, 118, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 118, 114) }
```

Border

The CSS property to change the border of an element to YUV 120.2350, -3.0739, 5.9329 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(127, 118, 114) }
```


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

```
.border{ border-color:rgb(127, 118, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 118, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 118, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 118, 114);  
box-shadow:4px 4px 4px 4px rgb(127, 118,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 120.2350, -3.0739, 5.9329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 118, 114) }
```

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

```
.background{ background-color: rgb(127,  
118, 114) }
```

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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