

Converting Colors

YUV(120.0780, 8.3425,
-15.8544)

Have a look what the booklet for
YUV(120.0780, 8.3425, -15.8544)
contains.

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Color

**YUV(120.0780, 8.3425,
-15.8544)**

Conversions

Conversions Part 1

Format	Color
Hex	667E89
RGB	102, 126, 137
RGB Percent	40%, 49%, 54%
CMY	0.6000, 0.5059, 0.4627
CMYK	0.26, 0.08, 0.00, 0.46
HSL	199°, 15%, 47%
HSV	199°, 26%, 54%
XYZ	17.4557, 19.5526, 26.5209
YIQ	120.0780, -17.8350, -1.6670

Conversions

Conversions Part 2

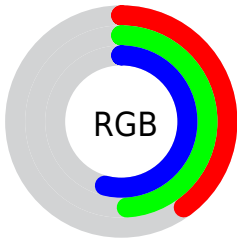
Format	Color
R_{YB}	102, 116, 137
Decimal	6717065
CIE Lab	51.33, -6.00, -8.82
CIE LCh	51, 10.667, 235.789
Yxy	19.5526, 0.2748, 0.3078
Android (android.graphics.Color)	4284907145 (0xFF667E89)
YUV	120.0780, 8.3425, -15.8544
Hunter-Lab	44.2184, -6.9172, -4.6076

Details

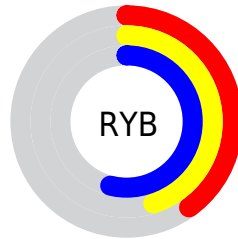
The YUV color **120.0780, 8.3425, -15.8544** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **118.9220, -8.3425, 15.8544**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.7790, 8.4900, -16.4692**, and **71.2630, 7.7583, -15.1397** is the 20% darker color. If you saturate the color by 10%, you get **113.5440, 11.5638, -22.4021**, and if you desaturate by 10%, it is **126.6120, 5.1213, -9.3067**.

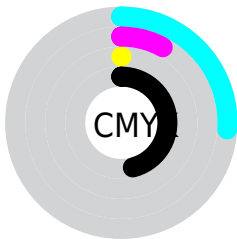
Distribution



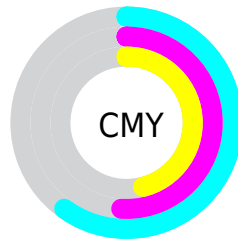
- Red (40%)
- Green (49%)
- Blue (54%)



- Red (40%)
- Yellow (45%)
- Blue (54%)



- Cyan (26%)
- Magenta (8%)
- Yellow (0%)
- Black (46%)



- Cyan (60%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.0780, 8.3425, -15.8544 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 120.0780, 8.3425, -15.8544 by changing the saturation by 10% instead.

■ 120.0780, 8.3425,
-15.8544

■ 120.0780, 8.3425,
-15.8544

■ 255.0000, 0.0000,
0.0000

■ 95.0780, 8.3425,
-15.8544

■ 172.7790, 8.4900,
-16.4692

■ 71.2630, 7.7583,
-15.1397

■ 199.8930, 8.9268,
-16.5692

■ 48.2630, 7.7583,
-15.1397

■ 227.7080, 9.5110,
-17.2839

■ 26.5510, 7.6164,
-16.2692

■ 249.6180, 2.6533,
-11.0660

■ 8.3780, 6.7156,
-7.3475

■ 0.0000, 0.0000,
0.0000

■ 120.0780, 8.3425,
-15.8544

■ 120.0780, 8.3425,
-15.8544

■ 113.5440, 11.5638,
-22.4021

■ 126.6120, 5.1213,
-9.3067

■ 106.7220, 14.9271,
-27.8202

■ 133.4340, 1.7580,
-3.8886

■ 100.1880, 18.1483,
-34.3679

■ 139.9680, -1.4632,
2.6591

■ 93.6540, 21.3696,
-40.9156

■ 146.5020, -4.6845,
9.2067

■ 86.8320, 24.7328,
-46.3337

■ 153.6230, -8.1951,
15.2396

■ 80.2980, 27.9541,
-52.8813

■ 159.8580,
-11.2690, 21.1725

■ 73.7640, 31.1753,
-59.4290

■ 166.3920,
-14.4903, 27.7202

■ 70.7960, 32.6386,

■ 172.9260,

-62.0881

-17.7115, 34.2679

 179.7480,
-21.0748, 39.6860

Harmonies

Analogous

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



118.9700, 5.4378, -17.5137



120.0780, 8.3425, -15.8544



121.3500, 9.1945, -9.0769

Triad

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



120.0780, 8.3425, -15.8544



124.0880, -0.0434, 13.9548



121.0510, -7.4201, -0.0447

Complementary

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



120.0780, 8.3425, -15.8544



118.9220, -8.3425, 15.8544

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.



122.0520, -8.8996, 7.8474



120.0780, 8.3425, -15.8544



123.6600, -4.2694, 16.0842

Square

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



120.0780, 8.3425, -15.8544



124.1950, 4.3409, 7.7220



122.8400, -7.3161, 13.2953



119.9190, -3.9041, -7.8220

Rectangle

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



120.0780, 8.3425, -15.8544



122.5680, 8.5940, -3.1291



122.8400, -7.3161, 13.2953



121.5460, -8.1572, 3.0292

Sweetspot

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



120.0780, 8.3425, -15.8544



171.5800, 3.6581, -6.6477



123.7990, -5.3239, -19.1177



84.5480, 2.1948, -3.9886



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



120.0780, 8.3425, -15.8544



151.6900, 13.4638, -25.1611



110.0990, 13.2622, -7.1028



65.7330, 1.6106, -3.2738



68.5790, 31.7596, -60.1438



2.3310, 1.3158, -2.0443

Inverse Universe

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



115.2010, 5.3239, 19.1177



144.0760, 8.3435, 30.6283



128.9010, -13.2622, 7.1028



64.6630, 1.1521, 3.8035



50.1410, 20.1435, 72.6673



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 120.0780, 8.3425, -15.8544 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 120.0780, 8.3425, -15.8544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

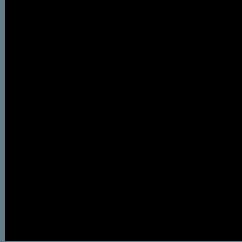
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

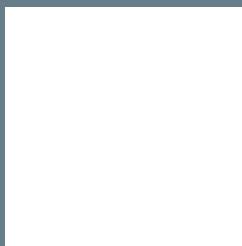
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.0780, 8.3425, -15.8544

Background



This preview shows how black text looks on a background with the YUV color 120.0780, 8.3425, -15.8544.



This preview shows how white text looks on a background with the YUV color 120.0780, 8.3425,

-15.8544.

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

120.0780, 8.3425, -15.8544

Protanopia

122.4820, 5.6784, -1.2997

Deuteranopia

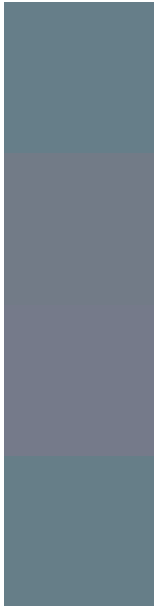
123.2590, 7.2673, 2.4039



Tritanopia

119.9640, 7.9057, -15.7544

Trichromacy



Original Color

120.0780, 8.3425, -15.8544

Protanomaly

121.6770, 6.5682, -6.7327

Deuteranomaly

122.3290, 7.7258, -4.6735

Tritanomaly

119.9640, 7.9057, -15.7544

Monochromacy



Original Color

120.0780, 8.3425, -15.8544

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7650, 3.0739, -5.9329

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.0780, 8.3425, -15.8544 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(102, 126, 137)` looks like.

```
.text, #text, p{  
    color:rgb(102, 126, 137)  
}
```

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(102, 126, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 126, 137) }
```

Border

The CSS property to change the border of an element to YUV 120.0780, 8.3425, -15.8544 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(102, 126, 137) }
```


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

```
.border{ border-color:rgb(102, 126, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 126, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 126, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 126, 137); box-shadow:4px 4px 4px 4px rgb(102, 126, 137) }
```

Background

The CSS property to change the background color of an element to YUV 120.0780, 8.3425, -15.8544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 126, 137) }
```

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

```
.background{ background-color: rgb(102,  
126, 137) }
```

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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