

Converting Colors

YUV(120.2260, 3.8326,
-15.9842)

Have a look what the booklet for
YUV(120.2260, 3.8326, -15.9842)
contains.

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Color

**YUV(120.2260, 3.8326,
-15.9842)**

Conversions

Conversions Part 1

Format	Color
Hex	668080
RGB	102, 128, 128
RGB Percent	40%, 50%, 50%
CMY	0.6000, 0.4980, 0.4980
CMYK	0.20, 0.00, 0.00, 0.50
HSL	180°, 11%, 45%
HSV	180°, 20%, 50%
XYZ	17.0949, 19.8216, 23.3470
YIQ	120.2260, -15.4960, -5.5120

Conversions

Conversions Part 2

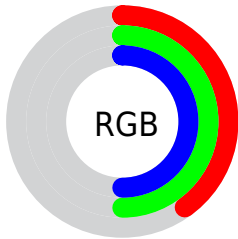
Format	Color
R_{YB}	102, 115, 128
Decimal	6717568
CIE _{Lab}	51.63, -9.29, -3.10
CIE _{LCh}	52, 9.795, 198.421
Yxy	19.8216, 0.2837, 0.3289
Android (android.graphics.Color)	4284907648 (0xFF668080)
YUV	120.2260, 3.8326, -15.9842
Hunter-Lab	44.5215, -9.3739, 0.0734

Details

The YUV color $120.2260, 3.8326, -15.9842$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $109.7740, -3.8326, 15.9842$, and the grayscale version is $120.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $172.9270, 3.9800, -16.5990$, and $71.5250, 3.6852, -15.3694$ is the 20% darker color. If you saturate the color by 10%, you get $116.3390, 5.7489, -23.9763$, and if you desaturate by 10%, it is $124.1130, 1.9163, -7.9921$.

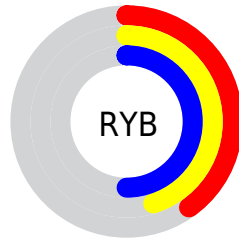
Distribution



Red (40%)

Green (50%)

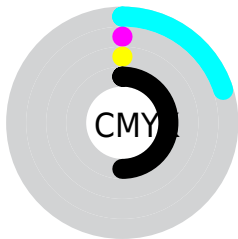
Blue (50%)



Red (40%)

Yellow (45%)

Blue (50%)

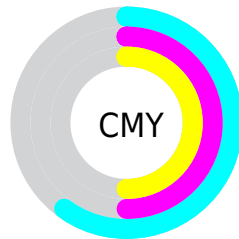


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (50%)



Cyan (60%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2260, 3.8326, -15.9842 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 120.2260, 3.8326, -15.9842 by changing the saturation by 10% instead.

■ 120.2260, 3.8326,
-15.9842

■ 120.2260, 3.8326,
-15.9842

■ 255.0000, 0.0000,
0.0000

■ 95.5250, 3.6852,
-15.3694

■ 172.9270, 3.9800,
-16.5990

■ 71.5250, 3.6852,
-15.3694

■ 199.6280, 4.1274,
-17.2138

■ 48.8240, 3.5378,
-14.7546

■ 228.3290, 4.2748,
-17.8285

■ 26.9380, 3.9746,
-14.8546

■ 249.6180, 2.6533,
-11.0660

■ 8.5260, 2.2057,
-7.4773

■ 0.0000, 0.0000,
0.0000

■ 120.2260, 3.8326,
-15.9842

■ 120.2260, 3.8326,
-15.9842

■ 116.3390, 5.7489,
-23.9763

■ 124.1130, 1.9163,
-7.9921

■ 112.4520, 7.6652,
-31.9684

■ 128.0000, 0.0000,
0.0000

■ 108.8640, 9.4340,
-39.3457

■ 131.5880, -1.7689,
7.3773

■ 104.9770, 11.3503,
-47.3378

■ 135.4750, -3.6852,
15.3694

■ 101.0900, 13.2666,
-55.3299

■ 139.3620, -5.6015,
23.3615

■ 97.2030, 15.1829,
-63.3220

■ 143.2490, -7.5178,
31.3536

■ 93.3160, 17.0992,
-71.3141


■ 147.1360, -9.4340,
39.3457

■ 89.7280, 18.8681,

■ 150.7240,

-78.6915

-11.2029, 46.7231

 154.6110,
-13.1192, 54.7152

Harmonies

Analogous

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



120.3960, -0.6882, -12.6253



120.2260, 3.8326, -15.9842



120.7360, 7.0322, -15.5545

Triad

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



120.2260, 3.8326, -15.9842



124.2980, 4.7831, 5.8777



122.9920, -7.8841, 8.7770

Complementary

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



120.2260, 3.8326, -15.9842



109.7740, -3.8326, 15.9842

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.



124.0680, -6.4425, 13.0954



120.2260, 3.8326, -15.9842



125.0060, 0.9830, 11.3957

Square

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



120.2260, 3.8326, -15.9842



123.6390, 7.5730, -2.3144



124.2900, -3.1010, 14.6547



122.0620, -7.4256, 1.6996

Rectangle

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



120.2260, 3.8326, -15.9842



121.9860, 7.8949, -12.2657



124.2900, -3.1010, 14.6547



123.4160, -7.6001, 11.0362

Sweetspot

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



120.2260, 3.8326, -15.9842



163.0100, 1.4741, -6.1478



117.2620, -7.5242, -13.3848



82.2060, 0.8844, -3.6887



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.



120.2260, 3.8326, -15.9842



154.0400, 5.8963, -24.5911



112.5950, 7.5947, -9.2918



61.9070, 1.0318, -4.3034



89.7280, 18.8681, -78.6915



0.0000, 0.0000, 0.0000

Inverse Universe

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



112.7380, 7.5242, 13.3848



142.5200, 11.5756, 20.5920



117.4050, -7.5947, 9.2918



59.8910, 2.0257, 3.6036



52.8640, 37.0420, 65.8943



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 120.2260, 3.8326, -15.9842 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 120.2260, 3.8326, -15.9842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

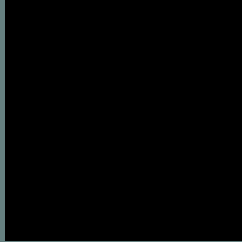
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.2260, 3.8326, -15.9842

Background



This preview shows how black text looks on a background with the YUV color 120.2260, 3.8326, -15.9842.



This preview shows how white text looks on a background with the YUV color 120.2260, 3.8326, -15.9842.

-15.9842.

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

120.2260, 3.8326, -15.9842

Protanopia

122.9400, 1.0156, 0.9296

Deuteranopia

123.8420, 3.0359, 6.2776



Tritanopia

121.2630, 7.7583, -15.1397

Trichromacy



Original Color

120.2260, 3.8326, -15.9842

Protanomaly

121.8360, 2.0529, -5.1182

Deuteranomaly

122.2000, 3.3524, -1.9294

Tritanomaly

120.6220, 6.5954, -15.4545

Monochromacy



Original Color

120.2260, 3.8326, -15.9842

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2260, 3.8326, -15.9842 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, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(102, 128, 128)  
}
```

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, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 128, 128) }
```

Border

The CSS property to change the border of an element to YUV 120.2260, 3.8326, -15.9842 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, 128, 128) }
```


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

```
.border{ border-color:rgb(102, 128, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(102, 128,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 120.2260, 3.8326, -15.9842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 128, 128) }
```

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

```
.background{ background-color: rgb(102,  
128, 128) }
```

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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