

Converting Colors

YUV(123.0230, -25.1543,
-5.2822)

Have a look what the booklet for
YUV(123.0230, -25.1543, -5.2822)
contains.

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Color

**YUV(123.0230, -25.1543,
-5.2822)**

Conversions

Conversions Part 1

Format	Color
Hex	758848
RGB	117, 136, 72
RGB Percent	46%, 53%, 28%
CMY	0.5412, 0.4667, 0.7176
CMYK	0.14, 0.00, 0.47, 0.47
HSL	78°, 31%, 41%
HSV	78°, 47%, 53%
XYZ	17.3100, 21.8581, 9.4376
YIQ	123.0230, 9.2200, -23.9320

Conversions

Conversions Part 2

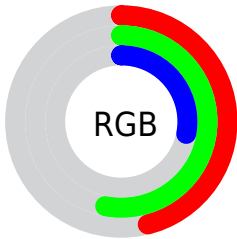
Format	Color
RYB	72, 136, 91
Decimal	7702600
CIELab	53.88, -17.78, 31.97
CIElCh	54, 36.575, 119.078
Yxy	21.8581, 0.3561, 0.4497
Android (android.graphics.Color)	4285892680 (0xFF758848)
YUV	123.0230, -25.1543, -5.2822
Hunter-Lab	46.7527, -15.7283, 20.7584

Details

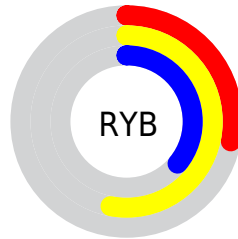
The YUV color $[123.0230, -25.1543, -5.2822]$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $[84.9770, 25.1543, 5.2822]$, and the grayscale version is $[123.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[175.6810, -26.4647, -4.9822]$, and $[73.3650, -23.8439, -5.5821]$ is the 20% darker color. If you saturate the color by 10%, you get $[120.2310, -30.6799, -6.3416]$, and if you desaturate by 10%, it is $[125.8150, -19.6288, -4.2228]$.

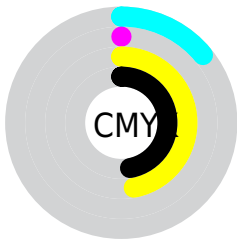
Distribution



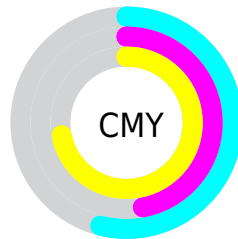
- Red (46%)
- Green (53%)
- Blue (28%)



- Red (28%)
- Yellow (53%)
- Blue (36%)



- Cyan (14%)
- Magenta (0%)
- Yellow (47%)
- Black (47%)



- Cyan (54%)
- Magenta (47%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.0230, -25.1543, -5.2822 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 123.0230, -25.1543, -5.2822 by changing the saturation by 10% instead.

■ 123.0230,
-25.1543, -5.2822

■ 123.0230,
-25.1543, -5.2822

■ 255.0000, 0.0000,
0.0000

■ 98.1370, -24.7175,
-5.3821

■ 175.6810,
-26.4647, -4.9822

■ 73.3650, -23.8439,
-5.5821

■ 203.4530,
-27.3383, -4.7823

■ 49.8380, -24.5701,
-5.9969

■ 231.9260,
-28.0645, -5.1971

■ 30.3460, -14.9606,
-8.1964

■ 249.0720,
-22.7135, 5.1989

■ 12.9140, -6.3666,
-11.3256

■ 252.2640,
-10.4832, 2.3995

■ 0.0000, 0.0000,
0.0000

■ 123.0230,
-25.1543, -5.2822

■ 123.0230,
-25.1543, -5.2822

■ 120.2310,
-30.6799, -6.3416

■ 125.8150,
-19.6288, -4.2228

■ 117.5530,
-35.7686, -7.5010

■ 128.4930,
-14.5400, -3.0634

■ 114.7610,
-41.2942, -8.5604

■ 131.2850, -9.0145,
-2.0039

■ 112.0830,
-46.3829, -9.7198

■ 133.9630, -3.9258,
-0.8446

■ 109.2910,
-51.9085, -10.7792

■ 136.7550, 1.5998,
0.2149

■ 108.5360,
-53.5082, -10.9941

■ 139.5470, 7.1253,
1.2743

■ 142.2250, 12.2141,
2.4337

■ 145.0170, 17.7396,

3.4931

■ 147.6950, 22.8284,
4.6525

Harmonies

Analogous

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



126.3960, -30.7612, 19.8237



123.0230, -25.1543, -5.2822



117.5060, -11.0955, -34.6468

Triad

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



123.0230, -25.1543, -5.2822



102.9280, 38.9825, -90.2679



131.0090, -0.0044, 48.2271

Complementary

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



123.0230, -25.1543, -5.2822



84.9770, 25.1543, 5.2822

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.



132.3840, 14.6007, 30.3582



123.0230, -25.1543, -5.2822



121.7970, 34.6101, -41.0410

Square

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



123.0230, -25.1543, -5.2822



103.1270, 27.0524, -90.4424



130.8730, 26.1916, -0.7656



129.8340, -14.7082, 51.0116

Rectangle

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



123.0230, -25.1543, -5.2822



110.6090, 2.6578, -59.2931



130.8730, 26.1916, -0.7656



131.6540, 5.1006, 44.1534

Sweetspot

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



123.0230, -25.1543, -5.2822



171.0570, -9.8881, -1.8040



101.7020, -14.6431, 30.0793



86.0940, -5.9623, -0.9594



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.



123.0230, -25.1543, -5.2822



156.0430, -38.9682, -7.9307



113.7540, -20.5847, -24.3403



67.6040, -2.7628, -0.5297



105.8780, -52.1979, -11.2940



4.1310, -2.0366, -0.1149

Inverse Universe

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



84.9770, 25.1543, 5.2822



97.2560, 38.8208, 8.5455



94.2460, 20.5847, 24.3403



63.3960, 2.7628, 0.5297



26.8230, 52.3453, 10.6792



1.1680, 1.8892, 0.7297

Previews

White Background



This preview shows how the YUV color 123.0230, -25.1543, -5.2822 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 123.0230, -25.1543, -5.2822 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 123.0230, -25.1543, -5.2822

Background



This preview shows how black text looks on a background with the YUV color 123.0230, -25.1543, -5.2822.



This preview shows how white text looks on a background with the YUV color 123.0230, -25.1543, -5.2822.

-5.2822.

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

123.0230, -25.1543, -5.2822

Protanopia

126.0470, -28.1242, 13.9908

Deuteranopia

127.3950, -25.8307, 25.0866



Tritanopia

128.3570, 5.2470, -2.9441

Trichromacy



Original Color

123.0230, -25.1543, -5.2822

Protanomaly

125.2310, -27.2289, 6.8134

Deuteranomaly

126.0300, -25.6508, 14.0057

Tritanomaly

126.4850, -5.6621, -3.9333

Monochromacy



Original Color

123.0230, -25.1543, -5.2822

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.1710, -9.4513, -1.9040

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0230, -25.1543, -5.2822 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(117, 136, 72)` looks like.

```
.text, #text, p{  
    color:rgb(117, 136, 72)  
}
```

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(117, 136, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 136, 72) }
```

Border

The CSS property to change the border of an element to YUV 123.0230, -25.1543, -5.2822 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(117, 136, 72) }
```


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

```
.border{ border-color:rgb(117, 136, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 136, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 136, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 136, 72);  
box-shadow:4px 4px 4px 4px rgb(117, 136,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 123.0230, -25.1543, -5.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 136, 72) }
```

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

```
.background{ background-color: rgb(117,  
136, 72) }
```

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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