

Converting Colors

YUV(108.9230, -3.4130,
-25.3655)

Have a look what the booklet for
YUV(108.9230, -3.4130, -25.3655)
contains.

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Color

**YUV(108.9230, -3.4130,
-25.3655)**

Conversions

Conversions Part 1

Format	Color
Hex	507D66
RGB	80, 125, 102
RGB Percent	31%, 49%, 40%
CMY	0.6863, 0.5098, 0.6000
CMYK	0.36, 0.00, 0.18, 0.51
HSL	149°, 22%, 40%
HSV	149°, 36%, 49%
XYZ	13.0402, 17.3320, 15.2285
YIQ	108.9230, -19.4370, -16.6930

Conversions

Conversions Part 2

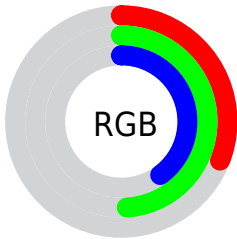
Format	Color
RYB	80, 110, 125
Decimal	5274982
CIELab	48.68, -20.89, 7.69
CIELCh	49, 22.266, 159.784
Yxy	17.3320, 0.2860, 0.3801
Android (android.graphics.Color)	4283465062 (0xFF507D66)
YUV	108.9230, -3.4130, -25.3655
Hunter-Lab	41.6317, -16.9446, 7.4545

Details

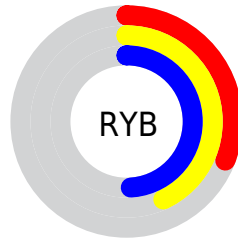
The YUV color **108.9230, -3.4130, -25.3655** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **96.0770, 3.4130, 25.3655**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0970, -3.9918, -26.3951**, and **60.4500, -2.6868, -24.9506** is the 20% darker color. If you saturate the color by 10%, you get **104.6510, -4.2649, -32.1429**, and if you desaturate by 10%, it is **113.4940, -2.7085, -17.9732**.

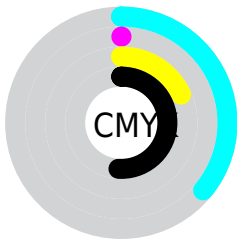
Distribution



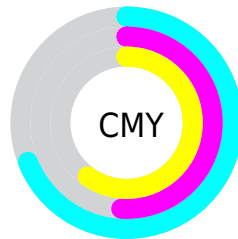
- Red (31%)
- Green (49%)
- Blue (40%)



- Red (31%)
- Yellow (43%)
- Blue (49%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (51%)



- Cyan (69%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.9230, -3.4130, -25.3655 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 108.9230, -3.4130, -25.3655 by changing the saturation by 10% instead.

 108.9230, -3.4130,
-25.3655


 108.9230, -3.4130,
-25.3655


255.0000, 0.0000,
0.0000


 84.3360, -3.1236,
-24.8507


 161.0970, -3.9918,
-26.3951

 60.4500, -2.6868,
-24.9506

 187.7980, -3.8444,
-27.0098


 36.7810, -1.3710,
-26.9949

 216.2710, -4.5706,
-27.4247

 20.1520, -4.0189,
-17.6733

 240.2760, -2.1081,
-23.9211

 0.0000, 0.0000,
0.0000

 250.8140, 2.0637,
-8.6069

■ 108.9230, -3.4130,
-25.3655

■ 108.9230, -3.4130,
-25.3655

■ 104.6510, -4.2649,
-32.1429

■ 113.4940, -2.7085,
-17.9732

■ 99.9660, -5.4062,
-39.4352

■ 117.8800, -1.4198,
-11.2958

■ 95.6940, -6.2581,
-46.2126

■ 122.4510, -0.7153,
-3.9035

■ 91.0090, -7.3994,
-53.5049

■ 126.8370, 0.5734,
2.7740

■ 86.7370, -8.2513,
-60.2823

■ 131.4080, 1.2779,
10.1662

■ 82.1660, -8.9558,
-67.6746

■ 135.6800, 2.1298,
16.9436

■ 80.3290, -9.5292,
-70.4485

■ 140.3650, 3.2711,
24.2359

■ 144.6370, 4.1230,

31.0134

■ 149.3220, 5.2643,
38.3056

Harmonies

Analogous

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



111.9160, -12.7766, -8.6963



108.9230, -3.4130, -25.3655



105.9950, 7.3975, -39.4606

Triad

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



108.9230, -3.4130, -25.3655



114.7330, 18.3726, -12.9208



116.6850, -12.1697, 30.0943

Complementary

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



108.9230, -3.4130, -25.3655



96.0770, 3.4130, 25.3655

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.



118.1610, -4.0234, 30.5538



108.9230, -3.4130, -25.3655



118.1870, 13.2188, 6.8520

Square

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



108.9230, -3.4130, -25.3655



109.9540, 19.7427, -32.4087



118.5220, 5.1657, 23.2212



115.6640, -17.0894, 21.3427

Rectangle

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



108.9230, -3.4130, -25.3655



105.3950, 14.1023, -43.3194



118.5220, 5.1657, 23.2212



117.3800, -9.5543, 31.2387

Sweetspot

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



108.9230, -3.4130, -25.3655



156.5920, -1.2779, -10.1662



113.2920, -16.4130, -9.0261



78.0270, -0.9993, -6.1627



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



108.9230, -3.4130, -25.3655



137.9660, -5.4062, -39.4352



111.4310, 6.1965, -27.5650



61.4510, -0.7153, -3.9035



82.2040, -9.9606, -72.0929



0.0000, 0.0000, 0.0000

Inverse Universe

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



96.0770, 3.4130, 25.3655



118.0340, 5.4062, 39.4352



93.5690, -6.1965, 27.5650



59.5490, 0.7153, 3.9035



45.6820, 9.5238, 72.1929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 108.9230, -3.4130, -25.3655 looks on a white 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

Black Background



This preview shows how the YUV color 108.9230, -3.4130, -25.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

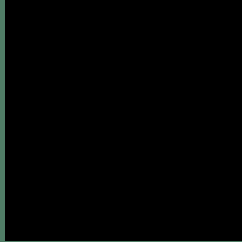
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

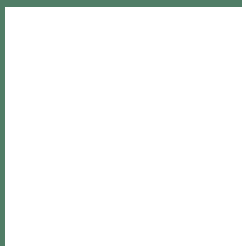
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 108.9230, -3.4130, -25.3655

Background



This preview shows how black text looks on a background with the YUV color 108.9230, -3.4130, -25.3655.



This preview shows how white text looks on a background with the YUV color 108.9230, -3.4130,

-25.3655.

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

108.9230, -3.4130, -25.3655

Protanopia

114.7420, -8.7468, 5.4883

Deuteranopia

115.9970, -5.4215, 12.2806



Tritanopia

111.6750, 9.5272, -22.5170

Trichromacy



Original Color

108.9230, -3.4130, -25.3655

Protanomaly

112.8330, -6.8197, -5.9925

Deuteranomaly

113.4360, -4.6519, -1.2594

Tritanomaly

110.4100, 4.7279, -23.1616

Monochromacy



Original Color

108.9230, -3.4130, -25.3655

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8910, -1.4253, -9.5514

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.9230, -3.4130, -25.3655 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(80, 125, 102)` looks like.

```
.text, #text, p{  
    color:rgb(80, 125, 102)  
}
```

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(80, 125, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 125, 102) }
```

Border

The CSS property to change the border of an element to YUV 108.9230, -3.4130, -25.3655 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(80, 125, 102) }
```


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

```
.border{ border-color:rgb(80, 125, 102) }
```

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

Here you see how a box with a 4 pixel rgb(80, 125, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 125, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 125, 102);  
box-shadow:4px 4px 4px 4px rgb(80, 125,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 108.9230, -3.4130, -25.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 125, 102) }
```

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

```
.background{ background-color: rgb(80, 125,  
102) }
```

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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