

Converting Colors

YUV(98.9230, -16.7240, -2.5635)

Have a look what the booklet for
YUV(98.9230, -16.7240, -2.5635)
contains.

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Color

**YUV(98.9230, -16.7240,
-2.5635)**

Conversions

Conversions Part 1

Format	Color
Hex	606B41
RGB	96, 107, 65
RGB Percent	38%, 42%, 25%
CMY	0.6235, 0.5804, 0.7451
CMYK	0.10, 0.00, 0.39, 0.58
HSL	76°, 24%, 34%
HSV	76°, 39%, 42%
XYZ	11.0357, 13.3838, 7.0027
YIQ	98.9230, 6.9260, -15.3940

Conversions

Conversions Part 2

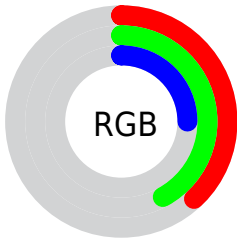
Format	Color
RYB	65, 107, 76
Decimal	6318913
CIELab	43.34, -11.83, 22.17
CIElCh	43, 25.133, 118.088
Yxy	13.3838, 0.3512, 0.4259
Android (android.graphics.Color)	4284508993 (0xFF606B41)
YUV	98.9230, -16.7240, -2.5635
Hunter-Lab	36.5839, -10.1766, 14.2597

Details

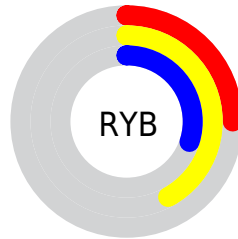
The YUV color **98.9230, -16.7240, -2.5635** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **73.0770, 16.7240, 2.5635**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5810, -18.0344, -2.2635**, and **52.2650, -15.4136, -2.8634** is the 20% darker color. If you saturate the color by 10%, you get **96.7720, -21.0866, -3.3080**, and if you desaturate by 10%, it is **101.0740, -12.3615, -1.8189**.

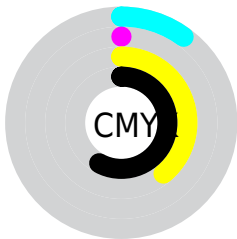
Distribution



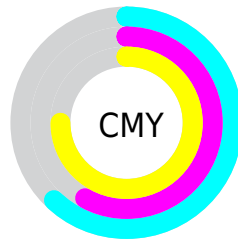
- Red (38%)
- Green (42%)
- Blue (25%)



- Red (25%)
- Yellow (42%)
- Blue (30%)



- Cyan (10%)
- Magenta (0%)
- Yellow (39%)
- Black (58%)



- Cyan (62%)
- Magenta (58%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.9230, -16.7240, -2.5635 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 98.9230, -16.7240, -2.5635 by changing the saturation by 10% instead.

■ 98.9230, -16.7240,
-2.5635

■ 98.9230, -16.7240,
-2.5635

■ 255.0000, 0.0000,
0.0000

■ 75.0370, -16.2872,
-2.6634

■ 149.5810,
-18.0344, -2.2635

■ 52.2650, -15.4136,
-2.8634

■ 176.4670,
-18.4712, -2.1636

■ 30.9770, -15.2717,
-1.7338

■ 204.3530,
-18.9080, -2.0636

■ 11.1530, -5.4984,
-9.7812

■ 232.2390,
-19.3448, -1.9636

■ 0.0000, 0.0000,
0.0000

■ 251.1240,
-14.8511, 3.3993

■ 254.3160, -2.6208,

0.5999

■ 98.9230, -16.7240,
-2.5635

■ 98.9230, -16.7240,
-2.5635

■ 96.7720, -21.0866,
-3.3080

■ 101.0740,
-12.3615, -1.8189

■ 94.7350, -25.0124,
-4.1526

■ 103.1110, -8.4357,
-0.9743

■ 92.8830, -29.5223,
-4.2824

■ 104.9630, -3.9258,
-0.8446

■ 90.7320, -33.8849,
-5.0270

■ 107.1140, 0.4368,
-0.1000

■ 88.6950, -37.8106,
-5.8715

■ 109.2650, 4.7994,
0.6446

■ 86.5440, -42.1732,
-6.6161

■ 111.3020, 8.7251,
1.4891

■ 86.4300, -42.6100,
-6.5161

■ 113.4530, 13.0877,
2.2337

■ 115.3050, 17.5976,
2.3635

■ 117.3420, 21.5234,
3.2081

Harmonies

Analogous

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



101.2240, -19.8304, 13.8356



98.9230, -16.7240, -2.5635



95.5060, -7.6445, -21.4918

Triad

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



98.9230, -16.7240, -2.5635



90.9520, 22.7017, -48.1929



104.6110, 0.1918, 31.9132

Complementary

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



98.9230, -16.7240, -2.5635



73.0770, 16.7240, 2.5635

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.



105.0530, 9.8339, 19.2475



98.9230, -16.7240, -2.5635



98.9810, 22.1944, -25.4163

Square

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



98.9230, -16.7240, -2.5635



86.4040, 17.0558, -57.3593



103.5820, 17.4611, -0.5104



103.9890, -9.8546, 34.2126

Rectangle

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



98.9230, -16.7240, -2.5635



93.0790, -0.0389, -34.2723



103.5820, 17.4611, -0.5104



105.0990, 3.4022, 28.8542

Sweetspot

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



98.9230, -16.7240, -2.5635



136.8660, -6.8359, -0.7595



84.0150, -9.3744, 20.1578



69.2620, -4.0732, -0.2298



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



98.9230, -16.7240, -2.5635



127.3930, -26.3227, -3.8527



92.9430, -13.7759, -14.8590



52.7180, -2.3260, -0.6297



94.6920, -46.6832, -6.7459



197.9340, -97.5815, -14.8511

Inverse Universe

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



73.0770, 16.7240, 2.5635



86.9060, 26.1753, 4.4674



79.3560, 13.6285, 15.4738



49.2820, 2.3260, 0.6297



22.6070, 46.5357, 7.3607



47.0660, 97.5815, 14.8511

Previews

White Background



This preview shows how the YUV color 98.9230, -16.7240, -2.5635 looks on a white background.

Color Contrast Check

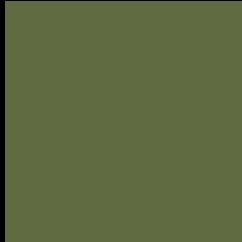
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.9230, -16.7240, -2.5635 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 98.9230, -16.7240, -2.5635

Background



This preview shows how black text looks on a background with the YUV color 98.9230, -16.7240, -2.5635.



This preview shows how white text looks on a background with the YUV color 98.9230, -16.7240,

-2.5635.

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

98.9230, -16.7240, -2.5635

Protanopia

100.5440, -18.5092, 10.0469

Deuteranopia

101.9410, -17.2259, 18.4687



Tritanopia

102.9120, 3.4944, -0.7998

Trichromacy



Original Color

98.9230, -16.7240, -2.5635

Protanomaly

100.0380, -17.7667, 5.2287

Deuteranomaly

100.5980, -17.0568, 10.8766

Tritanomaly

101.6640, -3.7784, -1.4593

Monochromacy



Original Color

98.9230, -16.7240, -2.5635

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0940, -5.9623, -0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.9230, -16.7240, -2.5635 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(96, 107, 65)` looks like.

```
.text, #text, p{  
    color:rgb(96, 107, 65)  
}
```

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(96, 107, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 107, 65) }
```

Border

The CSS property to change the border of an element to YUV 98.9230, -16.7240, -2.5635 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(96, 107, 65) }
```


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

```
.border{ border-color:rgb(96, 107, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 107, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 107, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 107, 65);  
box-shadow:4px 4px 4px 4px rgb(96, 107,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 98.9230, -16.7240, -2.5635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 107, 65) }
```

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

```
.background{ background-color: rgb(96, 107,  
65) }
```

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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