

Converting Colors

YUV(98.0870, -25.6789,
-23.7553)

Have a look what the booklet for
YUV(98.0870, -25.6789, -23.7553)
contains.

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Color

**YUV(98.0870, -25.6789,
-23.7553)**

Conversions

Conversions Part 1

Format	Color
Hex	477A2E
RGB	71, 122, 46
RGB Percent	28%, 48%, 18%
CMY	0.7216, 0.5216, 0.8196
CMYK	0.42, 0.00, 0.62, 0.52
HSL	100°, 45%, 33%
HSV	100°, 62%, 48%
XYZ	10.0512, 15.4559, 5.0383
YIQ	98.0870, -6.0000, -34.4480

Conversions

Conversions Part 2

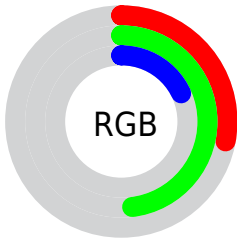
Format	Color
RYB	46, 122, 97
Decimal	4684334
CIELab	46.25, -31.88, 35.53
CIElCh	46, 47.739, 131.905
Yxy	15.4559, 0.3291, 0.5060
Android (android.graphics.Color)	4282874414 (0xFF477A2E)
YUV	98.0870, -25.6789, -23.7553
Hunter-Lab	39.3140, -23.1634, 19.9215

Details

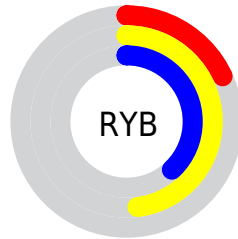
The YUV color **98.0870, -25.6789, -23.7553** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **69.9130, 25.6789, 23.7553**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3320, -27.2787, -23.9702**, and **48.2330, -23.7789, -26.5143** is the 20% darker color. If you saturate the color by 10%, you get **94.3270, -29.7412, -27.4738**, and if you desaturate by 10%, it is **101.8470, -21.6166, -20.0368**.

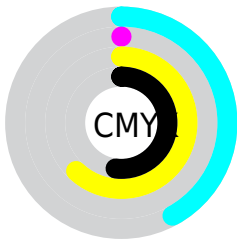
Distribution



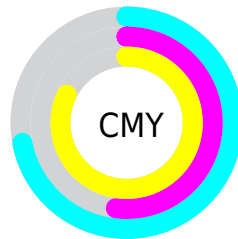
- Red (28%)
- Green (48%)
- Blue (18%)



- Red (18%)
- Yellow (48%)
- Blue (38%)



- Cyan (42%)
- Magenta (0%)
- Yellow (62%)
- Black (52%)



- Cyan (72%)
- Magenta (52%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.0870, -25.6789, -23.7553 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 98.0870, -25.6789, -23.7553 by changing the saturation by 10% instead.

■ 98.0870, -25.6789,
-23.7553

■ 98.0870, -25.6789,
-23.7553

255.0000, 0.0000,
0.0000

■ 72.9020, -25.0947,
-24.4701

■ 150.3320,
-27.2787, -23.9702

■ 48.2330, -23.7789,
-26.5143

■ 177.1040,
-28.1523, -23.7702

■ 28.7630, -14.1802,
-25.2252

■ 205.2780,
-28.7311, -24.7998

■ 17.6100, -8.6817,
-15.4440

■ 231.1150,
-28.1577, -22.0259

■ 0.0000, 0.0000,
0.0000

■ 242.5650,
-20.4915, -7.5115

■ 252.1500,

-10.9200, 2.4994

■ 98.0870, -25.6789,
-23.7553

■ 98.0870, -25.6789,
-23.7553

■ 94.3270, -29.7412,
-27.4738

■ 101.8470,
-21.6166, -20.0368

■ 90.5670, -33.8035,
-31.1923

■ 105.6070,
-17.5543, -16.3183

■ 86.3940, -38.1552,
-35.4255

■ 109.7800,
-13.2025, -12.0851

■ 83.5740, -41.2020,
-38.2144

■ 113.5400, -9.1402,
-8.3666

■ 117.3000, -5.0779,
-4.6481

■ 121.0600, -1.0156,
-0.9296

■ 124.8200, 3.0467,
2.7889

■ 128.6940, 7.5459,
6.4074

■ 132.7530, 11.4608,
10.7406

Harmonies

Analogous

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



103.2240, -40.0434, 10.3276



98.0870, -25.6789, -23.7553



84.0110, -0.4984, -73.6776

Triad

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



98.0870, -25.6789, -23.7553



92.1170, 45.7913, -80.7866



107.5120, -6.1684, 65.3260

Complementary

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



98.0870, -25.6789, -23.7553



69.9130, 25.6789, 23.7553

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.



110.8320, 11.9148, 51.8903



98.0870, -25.6789, -23.7553



103.3550, 41.7300, -38.0223

Square

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



98.0870, -25.6789, -23.7553



93.0170, 34.0086, -81.5759



112.8520, 28.1740, 16.7928



107.3590, -24.3340, 58.4442

Rectangle

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



98.0870, -25.6789, -23.7553



88.3770, 11.1531, -77.5066



112.8520, 28.1740, 16.7928



108.8090, 0.0942, 63.3115

Sweetspot

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



98.0870, -25.6789, -23.7553



148.6000, -10.1558, -9.2962



98.6610, -25.9619, 20.4683



73.3600, -6.0935, -5.5777



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



98.0870, -25.6789, -23.7553



120.9270, -39.8970, -36.7700



92.0940, -16.3153, -40.4244



59.1200, -2.0312, -1.8592



85.6340, -42.2176, -39.1440



172.7410, -85.1613, -78.7029

Inverse Universe

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



69.9130, 25.6789, 23.7553



77.0730, 39.8970, 36.7700



75.9060, 16.3153, 40.4244



56.8800, 2.0312, 1.8592



39.3660, 42.2176, 39.1440



79.2590, 85.1613, 78.7029

Previews

White Background



This preview shows how the YUV color 98.0870, -25.6789, -23.7553 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 98.0870, -25.6789, -23.7553 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 98.0870, -25.6789, -23.7553

Background



This preview shows how black text looks on a background with the YUV color 98.0870, -25.6789, -23.7553.



This preview shows how white text looks on a background with the YUV color 98.0870, -25.6789, -23.7553.

-23.7553.

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

98.0870, -25.6789, -23.7553

Protanopia

105.2490, -31.1818, 14.6906

Deuteranopia

107.2270, -27.7199, 24.3569



Tritanopia

106.0560, 8.3534, -19.3431

Trichromacy



Original Color

98.0870, -25.6789, -23.7553

Protanomaly

102.6170, -29.3912, 0.3359

Deuteranomaly

104.2310, -27.2289, 6.8134

Tritanomaly

103.1300, -4.0081, -21.1620

Monochromacy



Original Color

98.0870, -25.6789, -23.7553

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1270, -9.4296, -8.8814

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0870, -25.6789, -23.7553 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(71, 122, 46)` looks like.

```
.text, #text, p{  
    color:rgb(71, 122, 46)  
}
```

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(71, 122, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 122, 46) }
```

Border

The CSS property to change the border of an element to YUV 98.0870, -25.6789, -23.7553 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(71, 122, 46) }
```


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

```
.border{ border-color:rgb(71, 122, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 122, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 122, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 122, 46);  
box-shadow:4px 4px 4px 4px rgb(71, 122,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 98.0870, -25.6789, -23.7553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 122, 46) }
```

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

```
.background{ background-color: rgb(71, 122,  
46) }
```

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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