

Converting Colors

YUV(26.4650, 98.8638,
-23.2098)

Have a look what the booklet for
YUV(26.4650, 98.8638, -23.2098)
contains.

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Color

**YUV(26.4650, 98.8638,
-23.2098)**

Conversions

Conversions Part 1

Format	Color
Hex	0001E3
RGB	0, 1, 227
RGB Percent	0%, 0%, 89%
CMY	1.0000, 0.9961, 0.1098
CMYK	1.00, 1.00, 0.00, 0.11
HSL	240°, 100%, 45%
HSV	240°, 100%, 89%
XYZ	13.8760, 5.5678, 73.0164
YIQ	26.4650, -73.1420, 70.0740

Conversions

Conversions Part 2

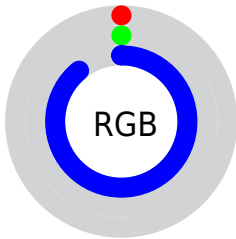
Format	Color
R_{YB}	0, 1, 227
Decimal	483
CIE _{Lab}	28.29, 72.35, -98.69
CIE _{LCh}	28, 122.369, 306.246
Yxy	5.5678, 0.1501, 0.0602
Android (android.graphics.Color)	4278190563 (0xFF0001E3)
YUV	26.4650, 98.8638, -23.2098
Hunter-Lab	23.5961, 63.6760, -166.9512

Details

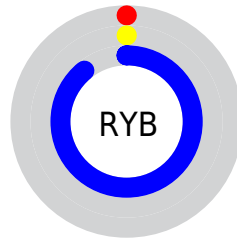
The YUV color **26.4650, 98.8638, -23.2098** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **200.5350, -98.8638, 23.2098**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.1860, 75.3373, 9.4839**, and **19.3800, 74.2557, -16.9963** is the 20% darker color. If you saturate the color by 10%, you get **26.4650, 98.8638, -23.2098**, and if you desaturate by 10%, it is **46.8430, 88.8174, -20.9103**.

Distribution



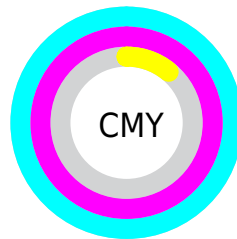
- Red (0%)
- Green (0%)
- Blue (89%)



- Red (0%)
- Yellow (0%)
- Blue (89%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.4650, 98.8638, -23.2098 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 26.4650, 98.8638, -23.2098 by changing the saturation by 10% instead.

■ 26.4650, 98.8638,
-23.2098

■ 26.4650, 98.8638,
-23.2098

■ 255.0000, 0.0000,
0.0000

■ 22.5720, 86.4860,
-19.7956

■ 102.1860, 75.3373,
9.4839

■ 19.3800, 74.2557,
-16.9963

■ 128.5000, 62.3645,
17.1015

■ 16.1880, 62.0253,
-14.1969

■ 154.2160, 49.6865,
23.4896

■ 16.0450, 48.7848,
-14.0715

■ 180.2200, 36.8665,
28.7481

■ 17.7770, 35.1129,
-15.5904

■ 206.5230, 23.8992,
34.6213

■ 11.5190, 26.3661,
-10.1022


■ 225.6500, 14.4696,


■ 6.5490, 17.4773,


25.7400


-5.7435


 242.6730, 6.0772,
10.8108


 2.8670, 8.4466,
-2.5144

 0.0000, 0.0000,
0.0000

 26.4650, 98.8638,
-23.2098

 46.8430, 88.8174,
-20.9103

 66.3350, 79.2078,
-18.7108

 86.7130, 69.1615,
-16.4113

 106.5040, 59.4045,
-13.5970

■ 126.8820, 49.3582,
-11.2975

■ 146.9610, 39.4592,
-9.6128

■ 166.7520, 29.7023,
-6.7985

■ 187.1300, 19.6559,
-4.4990

■ 206.6220, 10.0464,
-2.2995

Harmonies

Analogous

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



77.7910, 87.3640, -68.2227



26.4650, 98.8638, -23.2098



70.7630, 37.0918, 96.6778

Triad

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



26.4650, 98.8638, -23.2098



45.9580, -22.6573, 80.7208



64.3950, 10.6513, -56.4744

Complementary

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



26.4650, 98.8638, -23.2098



200.5350, -98.8638, 23.2098

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.



52.8300, -26.0452, -46.3319



26.4650, 98.8638, -23.2098



61.1120, -30.1282, 3.4098

Square

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



26.4650, 98.8638, -23.2098



56.8100, -28.0073, 116.8076



50.4820, -24.8876, -44.2727



76.9860, 51.2789, -67.5167

Rectangle

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



26.4650, 98.8638, -23.2098



71.7680, 6.0304, 119.4755



50.4820, -24.8876, -44.2727



59.9320, -3.9105, -52.5604

Sweetspot

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



26.4650, 98.8638, -23.2098



187.6640, 33.1966, -7.5983



158.6710, 31.7142, -139.1545



87.2440, 20.0927, -4.5990



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



26.4650, 98.8638, -23.2098



29.6570, 111.0941, -26.0092



58.7680, 82.9384, 44.9305



104.3680, 5.2416, -1.1997



20.9930, 77.8975, -18.4109



5.8140, 22.2767, -5.0989

Inverse Universe

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



67.9870, -33.0246, 139.4544



76.3590, -37.1520, 156.6682



168.2320, -82.9384, -44.9305



106.5880, -1.7689, 7.3773



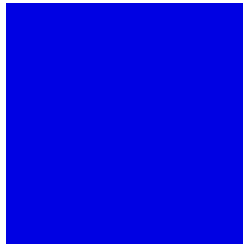
53.6350, -25.9491, 109.9451



15.2490, -7.5178, 31.3536

Previews

White Background



This preview shows how the YUV color 26.4650, 98.8638, -23.2098 looks on a white background.

Color Contrast Check

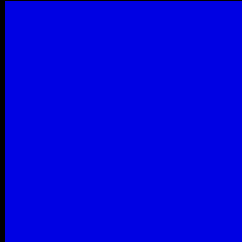
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 26.4650, 98.8638, -23.2098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.4650, 98.8638, -23.2098

Background



This preview shows how black text looks on a background with the YUV color 26.4650, 98.8638, -23.2098.



This preview shows how white text looks on a background with the YUV color 26.4650, 98.8638, -23.2098.

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

26.4650, 98.8638, -23.2098

Protanopia

54.5880, 41.6151, -47.8737

Deuteranopia

55.1290, 30.9954, -48.3481

Trichromacy



Original Color

26.4650, 98.8638, -23.2098

Protanomaly

44.1480, 62.5380, -38.7178

Deuteranomaly

45.0140, 55.7021, -39.4773

Monochromacy



Original Color

26.4650, 98.8638, -23.2098

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.3480, 35.8174, -8.1982

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.4650, 98.8638, -23.2098 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(0, 1, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 1, 227)  
}
```

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(0, 1, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 1, 227) }
```

Border

The CSS property to change the border of an element to YUV 26.4650, 98.8638, -23.2098 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(0, 1, 227) }
```

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

```
.border{ border-color:rgb(0, 1, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 1, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 1, 227); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 1, 227); box-shadow:4px  
4px 4px 4px rgb(0, 1, 227) }
```


Background

The CSS property to change the background color of an element to YUV 26.4650, 98.8638, -23.2098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 1, 227) }
```

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

```
.background{ background-color: rgb(0, 1,  
227) }
```

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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