

Converting Colors

YUV(103.1560, -26.6989,
23.5422)

Have a look what the booklet for
YUV(103.1560, -26.6989, 23.5422)
contains.

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Color

**YUV(103.1560, -26.6989,
23.5422)**

Conversions

Conversions Part 1

Format	Color
Hex	826431
RGB	130, 100, 49
RGB Percent	51%, 39%, 19%
CMY	0.4902, 0.6078, 0.8078
CMYK	0.00, 0.23, 0.62, 0.49
HSL	38°, 45%, 35%
HSV	38°, 62%, 51%
XYZ	14.3175, 14.0819, 4.8692
YIQ	103.1560, 34.2510, -9.5010

Conversions

Conversions Part 2

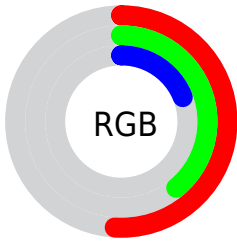
Format	Color
RYB	97, 130, 49
Decimal	8545329
CIELab	44.35, 5.91, 33.06
CIElCh	44, 33.586, 79.866
Yxy	14.0819, 0.4304, 0.4233
Android (android.graphics.Color)	4286735409 (0xFF826431)
YUV	103.1560, -26.6989, 23.5422
Hunter-Lab	37.5259, 2.4338, 18.5749

Details

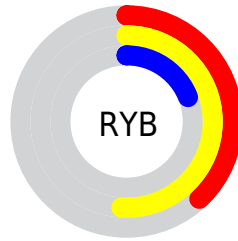
The YUV color **103.1560, -26.6989, 23.5422** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **75.8440, 26.6989, -23.5422**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.0100, -28.5989, 26.3012**, and **55.2480, -26.2513, 19.9535** is the 20% darker color. If you saturate the color by 10%, you get **98.7390, -30.9303, 27.4159**, and if you desaturate by 10%, it is **107.5730, -22.4675, 19.6685**.

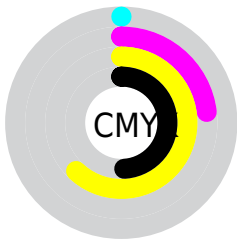
Distribution



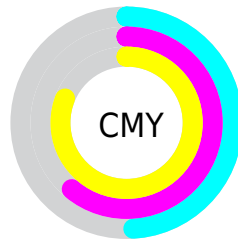
- Red (51%)
- Green (39%)
- Blue (19%)



- Red (38%)
- Yellow (51%)
- Blue (19%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (49%)



- Cyan (49%)
- Magenta (61%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1560, -26.6989, 23.5422 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 103.1560, -26.6989, 23.5422 by changing the saturation by 10% instead.

■ 103.1560,
-26.6989, 23.5422

■ 103.1560,
-26.6989, 23.5422

■ 255.0000, 0.0000,
0.0000

■ 78.3730, -25.8199,
21.5979

■ 155.0100,
-28.5989, 26.3012

■ 55.2480, -26.2513,
19.9535

■ 181.7930,
-29.4779, 28.2455

■ 34.6310, -17.0731,
16.1096

■ 209.8640,
-30.4990, 29.0603

■ 15.1280, -7.4581,
12.1657

■ 232.9660,
-28.5772, 19.3238

■ 0.0000, 0.0000,
0.0000

■ 249.0720,
-22.7135, 5.1989

■ 252.2640,

-10.4832, 2.3995

■ 103.1560,
-26.6989, 23.5422

■ 103.1560,
-26.6989, 23.5422

■ 98.7390, -30.9303,
27.4159

■ 107.5730,
-22.4675, 19.6685

■ 94.3220, -35.1617,
31.2896

■ 111.9900,
-18.2361, 15.7948

■ 90.4920, -39.6826,
34.6485

■ 115.8200,
-13.7153, 12.4359

■ 87.0040, -42.8930,
37.7075

■ 120.2370, -9.4838,
8.5622

■ 124.6540, -5.2524,
4.6884

■ 129.0710, -1.0210,
0.8147

■ 133.4880, 3.2104,
-3.0590

■ 137.9050, 7.4418,
-6.9327

■ 141.7350, 11.9626,
-10.2916

Harmonies

Analogous

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



104.5630, -20.4906, 38.9712



103.1560, -26.6989, 23.5422



100.5940, -24.4498, 2.1101

Triad

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



103.1560, -26.6989, 23.5422



83.8750, 19.2886, -73.5584



107.7740, 16.3804, 19.4922

Complementary

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



103.1560, -26.6989, 23.5422



75.8440, 26.6989, -23.5422

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.



104.6930, 25.7874, -11.1318



103.1560, -26.6989, 23.5422



85.4370, 30.3506, -74.9282

Square

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



103.1560, -26.6989, 23.5422



87.1470, 3.3785, -57.1339



92.5520, 32.7589, -53.9811



107.3930, 4.2433, 39.1203

Rectangle

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



103.1560, -26.6989, 23.5422



98.6890, -18.5807, -13.7593



92.5520, 32.7589, -53.9811



107.6310, 19.9019, 9.9706

Sweetspot

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



103.1560, -26.6989, 23.5422



157.3080, -10.5048, 9.3769



76.7530, 1.6008, 46.6976



77.7250, -6.2734, 5.5032



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



103.1560, -26.6989, 23.5422



126.6340, -41.7246, 36.2780



118.0750, -34.0540, 2.5652



61.4410, -2.1894, 2.2442



85.2320, -42.0194, 37.5075



0.0000, 0.0000, 0.0000

Inverse Universe

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



75.8440, 26.6989, -23.5422



83.9530, 41.4352, -36.7928



60.9250, 34.0540, -2.5652



59.5590, 2.1894, -2.2442



42.1810, 42.3088, -36.9927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 103.1560, -26.6989, 23.5422 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 103.1560, -26.6989, 23.5422 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 103.1560, -26.6989, 23.5422

Background



This preview shows how black text looks on a background with the YUV color 103.1560, -26.6989, 23.5422.



This preview shows how white text looks on a background with the YUV color 103.1560, -26.6989,

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

103.1560, -26.6989, 23.5422

Protanopia

102.1330, -25.2086, 12.1614

Deuteranopia

103.1560, -26.6989, 23.5422



Tritanopia

106.7580, -2.8387, 23.8912

Trichromacy



Original Color

103.1560, -26.6989, 23.5422

Protanomaly

102.3400, -25.8036, 16.3648

Deuteranomaly

103.1560, -26.6989, 23.5422

Tritanomaly

105.4670, -11.5692, 24.1464

Monochromacy



Original Color

103.1560, -26.6989, 23.5422

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.1230, -9.9206, 8.6621

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1560, -26.6989, 23.5422 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(130, 100, 49)` looks like.

```
.text, #text, p{  
    color:rgb(130, 100, 49)  
}
```

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(130, 100, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 100, 49) }
```

Border

The CSS property to change the border of an element to YUV 103.1560, -26.6989, 23.5422 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(130, 100, 49) }
```


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

```
.border{ border-color:rgb(130, 100, 49) }
```

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

Here you see how a box with a 4 pixel rgb(130, 100, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 100, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 100, 49);  
box-shadow:4px 4px 4px 4px rgb(130, 100,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 103.1560, -26.6989, 23.5422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 100, 49) }
```

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

```
.background{ background-color: rgb(130,  
100, 49) }
```

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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