

Converting Colors

YUV(103.2240, -36.5924,
23.4826)

Have a look what the booklet for
YUV(103.2240, -36.5924, 23.4826)
contains.

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Color

**YUV(103.2240, -36.5924,
23.4826)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 82681D |
| RGB | 130, 104, 29 |
| RGB Percent | 51%, 41%, 11% |
| CMY | 0.4902, 0.5922, 0.8863 |
| CMYK | 0.00, 0.20, 0.78, 0.49 |
| HSL | 45°, 64%, 31% |
| HSV | 45°, 78%, 51% |
| XYZ | 14.3780, 14.7352, 3.2488 |
| YIQ | 103.2240, 39.5710, -17.8130 |

Conversions

Conversions Part 2

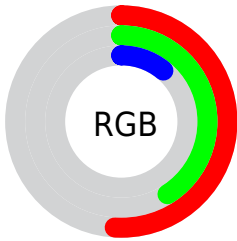
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 64, 130, 29 |
| Decimal | 8546333 |
| CIELab | 45.27, 2.32, 43.60 |
| CIELCh | 45, 43.666, 86.952 |
| Yxy | 14.7352, 0.4443, 0.4553 |
| Android (android.graphics.Color) | 4286736413 (0xFF82681D) |
| YUV | 103.2240, -36.5924, 23.4826 |
| Hunter-Lab | 38.3864, -0.3173, 21.8526 |

Details

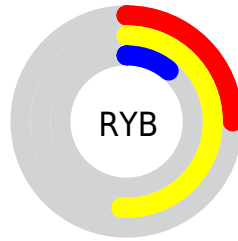
The YUV color **103.2240, -36.5924, 23.4826** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **55.7760, 36.5924, -23.4826**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.6050, -37.7663, 26.6564**, and **56.4820, -27.8456, 17.9943** is the 20% darker color. If you saturate the color by 10%, you get **99.9810, -41.4026, 26.3267**, and if you desaturate by 10%, it is **106.4670, -31.7822, 20.6384**.

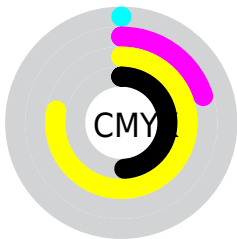
Distribution



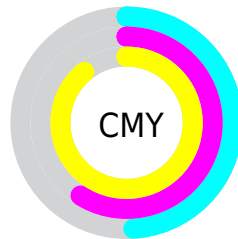
- Red (51%)
- Green (41%)
- Blue (11%)



- Red (25%)
- Yellow (51%)
- Blue (11%)



- Cyan (0%)
- Magenta (20%)
- Yellow (78%)
- Black (49%)



- Cyan (49%)
- Magenta (59%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.2240, -36.5924, 23.4826 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 103.2240, -36.5924, 23.4826 by changing the saturation by 10% instead.

■ 103.2240,
-36.5924, 23.4826

■ 103.2240,
-36.5924, 23.4826

255.0000, 0.0000,
0.0000

■ 77.7570, -38.3342,
22.1381

■ 155.6050,
-37.7663, 26.6564

■ 56.4820, -27.8456,
17.9943

■ 182.9750,
-38.9347, 28.0859

■ 36.3810, -17.9358,
12.8209

■ 210.4590,
-39.6663, 29.4155

■ 17.4650, -8.6102,
8.3622

■ 233.2620,
-37.5972, 19.0642

■ 0.0000, 0.0000,
0.0000

■ 246.9060,
-31.0127, 7.0984

■ 250.0980,

-18.7823, 4.2991

253.4040, -6.1152,
1.3997

103.2240,
-36.5924, 23.4826

103.2240,
-36.5924, 23.4826

99.9810, -41.4026,
26.3267

106.4670,
-31.7822, 20.6384

96.1510, -45.9234,
29.6856

110.2970,
-27.2614, 17.2795

95.8090, -47.2338,
29.9855

113.5400,
-22.4512, 14.4354

116.7830,
-17.6410, 11.5913

120.6130,
-13.1202, 8.2324

■ 123.8560, -8.3100,
5.3883

■ 127.0990, -3.4998,
2.5442

■ 130.9290, 1.0210,
-0.8147

■ 134.1720, 5.8312,
-3.6588

Harmonies

Analogous

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



105.0170, -29.0954, 45.5891



103.2240, -36.5924, 23.4826



99.8290, -30.9747, -5.1120

Triad

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



103.2240, -36.5924, 23.4826



89.2210, 24.5410, -78.2468



110.3180, 18.0842, 33.0471

Complementary

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



103.2240, -36.5924, 23.4826



55.7760, 36.5924, -23.4826

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.



108.2190, 31.4440, -5.4541



103.2240, -36.5924, 23.4826



90.1790, 38.3658, -79.0870

Square

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



103.2240, -36.5924, 23.4826



85.0030, 8.3795, -74.5476



86.2640, 46.2118, -75.6535



107.3350, 2.2998, 55.8342

Rectangle

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



103.2240, -36.5924, 23.4826



96.1450, -20.2845, -27.3142



86.2640, 46.2118, -75.6535



110.5060, 22.9215, 21.4812

Sweetspot

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



103.2240, -36.5924, 23.4826



157.7980, -13.7044, 8.9472



62.2770, -3.0946, 59.3931



77.8560, -8.3100, 5.3883



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.



103.2240, -36.5924, 23.4826



126.7360, -56.5648, 36.1885



111.3100, -40.5788, -4.6569



62.0280, -2.4788, 1.7294



94.0370, -46.3602, 29.7856



0.0000, 0.0000, 0.0000

Inverse Universe

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



55.7760, 36.5924, -23.4826



53.2640, 56.5648, -36.1885



47.6900, 40.5788, 4.6569



58.9720, 2.4788, -1.7294



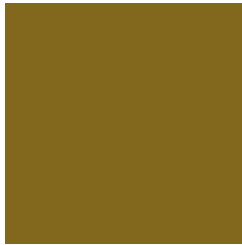
33.9630, 46.3602, -29.7856



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 103.2240, -36.5924, 23.4826 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 103.2240, -36.5924, 23.4826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

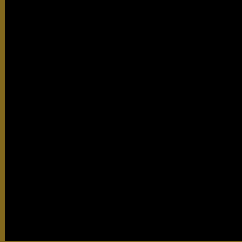
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.2240, -36.5924, 23.4826

Background



This preview shows how black text looks on a background with the YUV color 103.2240, -36.5924, 23.4826.



This preview shows how white text looks on a background with the YUV color 103.2240, -36.5924,

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

103.2240, -36.5924, 23.4826

Protanopia

102.9950, -35.9865, 15.7904

Deuteranopia

103.6590, -36.3139, 27.4861



Tritanopia

109.1600, -2.5439, 22.6617

Trichromacy



Original Color

103.2240, -36.5924, 23.4826

Protanomaly

103.3050, -36.1394, 18.1495

Deuteranomaly

103.6480, -36.3085, 25.7417

Tritanomaly

107.2450, -14.9108, 22.5871

Monochromacy



Original Color

103.2240, -36.5924, 23.4826

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9120, -13.2676, 8.8472

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.2240, -36.5924, 23.4826 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, 104, 29)` looks like.

```
.text, #text, p{  
    color:rgb(130, 104, 29)  
}
```

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, 104, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 104, 29) }
```

Border

The CSS property to change the border of an element to YUV 103.2240, -36.5924, 23.4826 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, 104, 29) }
```


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

```
.border{ border-color:rgb(130, 104, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 104, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 104, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 104, 29);  
box-shadow:4px 4px 4px 4px rgb(130, 104,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 103.2240, -36.5924, 23.4826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 104, 29) }
```

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

```
.background{ background-color: rgb(130,  
104, 29) }
```

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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