

Converting Colors

YUV(103.8240, -29.9862,
4.5394)

Have a look what the booklet for
YUV(103.8240, -29.9862, 4.5394)
contains.

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Color

**YUV(103.8240, -29.9862,
4.5394)**

Conversions

Conversions Part 1

Format	Color
Hex	6D712B
RGB	109, 113, 43
RGB Percent	43%, 44%, 17%
CMY	0.5725, 0.5569, 0.8314
CMYK	0.04, 0.00, 0.62, 0.56
HSL	63°, 45%, 31%
HSV	63°, 62%, 44%
XYZ	12.6478, 15.2359, 4.5597
YIQ	103.8240, 20.0860, -22.6180

Conversions

Conversions Part 2

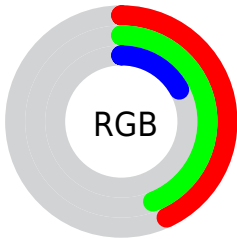
Format	Color
R_{YB}	43, 113, 47
Decimal	7172395
CIE Lab	45.96, -11.78, 37.37
CIE LCh	46, 39.181, 107.500
Yxy	15.2359, 0.3898, 0.4696
Android (android.graphics.Color)	4285362475 (0xFF6D712B)
YUV	103.8240, -29.9862, 4.5394
Hunter-Lab	39.0332, -10.4690, 20.3972

Details

The YUV color **103.8240, -29.9862, 4.5394** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **52.1760, 29.9862, -4.5394**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.7810, -31.4440, 5.4541**, and **55.7960, -27.5074, 2.8099** is the 20% darker color. If you saturate the color by 10%, you get **102.2710, -34.6436, 5.0243**, and if you desaturate by 10%, it is **105.3770, -25.3289, 4.0544**.

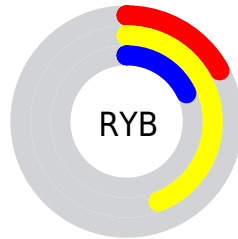
Distribution



Red (43%)

Green (44%)

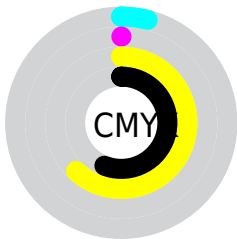
Blue (17%)



Red (17%)

Yellow (44%)

Blue (18%)

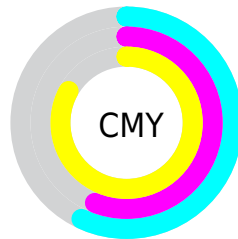


Cyan (4%)

Magenta (0%)

Yellow (62%)

Black (56%)



Cyan (57%)

Magenta (56%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.8240, -29.9862, 4.5394 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 103.8240, -29.9862, 4.5394 by changing the saturation by 10% instead.

■ 103.8240,
-29.9862, 4.5394

■ 103.8240,
-29.9862, 4.5394

■ 255.0000, 0.0000,
0.0000

■ 79.1120, -30.1282,
3.4098

■ 155.7810,
-31.4440, 5.4541

■ 55.7960, -27.5074,
2.8099

■ 182.8520,
-32.4650, 6.2688

■ 35.7060, -17.6031,
-0.6192

■ 210.6240,
-33.3386, 6.4688

■ 14.9850, -7.3876,
-10.5108

■ 238.8090,
-33.9228, 7.1835

■ 0.0000, 0.0000,
0.0000

■ 248.5020,
-24.8975, 5.6987

■ 251.6940,

-12.6671, 2.8994

■ 103.8240,
-29.9862, 4.5394

■ 103.8240,
-29.9862, 4.5394

■ 102.2710,
-34.6436, 5.0243

■ 105.3770,
-25.3289, 4.0544

■ 100.9030,
-39.8852, 6.2241

■ 106.7450,
-20.0873, 2.8546

■ 99.3500, -44.5425,
6.7091

■ 108.2980,
-15.4299, 2.3697

■ 98.3240, -48.4737,
7.6089

■ 109.8510,
-10.7725, 1.8847

■ 111.2190, -5.5310,
0.6849

■ 112.7720, -0.8736,
0.2000

■ 114.3250, 3.7838,
-0.2850

■ 115.5790, 8.5886,
-1.3848

■ 117.2460, 13.6827,
-1.9697

Harmonies

Analogous

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



106.3370, -31.2251, 28.6455



103.8240, -29.9862, 4.5394



98.8510, -17.6745, -24.4253

Triad

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



103.8240, -29.9862, 4.5394



89.9850, 32.5454, -78.9168



110.7080, 6.5530, 44.9831

Complementary

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



103.8240, -29.9862, 4.5394



52.1760, 29.9862, -4.5394

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.



111.8110, 20.3062, 20.3368



103.8240, -29.9862, 4.5394



87.8140, 41.9967, -77.0129

Square

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



103.8240, -29.9862, 4.5394



87.9670, 19.7363, -77.1471



108.0280, 31.0452, -17.5646



108.7510, -8.7512, 53.7154

Rectangle

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



103.8240, -29.9862, 4.5394



91.8290, -4.3527, -50.7160



108.0280, 31.0452, -17.5646



111.9290, 11.3740, 38.6503

Sweetspot

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



103.8240, -29.9862, 4.5394



144.2100, -11.9355, 1.5698



66.2780, -11.4761, 40.9752



71.7630, -7.2782, 1.0848



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



103.8240, -29.9862, 4.5394



133.6660, -47.1633, 7.3089



93.3590, -24.8270, -16.9778



55.3160, -2.6208, 0.5999



104.2270, -51.3839, 7.6939



214.6560, -105.8254, 16.0877

Inverse Universe

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



52.1760, 29.9862, -4.5394



52.6330, 47.0159, -6.6941



62.3420, 24.9744, 16.3631



50.9830, 2.4734, 0.0149



15.7730, 51.3839, -7.6939



32.3440, 105.8254, -16.0877

Previews

White Background



This preview shows how the YUV color 103.8240, -29.9862, 4.5394 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 103.8240, -29.9862, 4.5394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

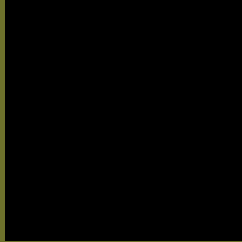
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.8240, -29.9862, 4.5394

Background



This preview shows how black text looks on a background with the YUV color 103.8240, -29.9862, 4.5394.



This preview shows how white text looks on a background with the YUV color 103.8240, -29.9862, 4.5394.

4.5394.

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

103.8240, -29.9862, 4.5394

Protanopia

104.9500, -31.0343, 14.0758

Deuteranopia

106.0700, -29.6145, 25.3716



Tritanopia

109.9020, 2.0203, 5.3479

Trichromacy



Original Color

103.8240, -29.9862, 4.5394

Protanomaly

104.3410, -30.7341, 11.1019

Deuteranomaly

105.6130, -29.8822, 17.8794

Tritanomaly

107.8020, -9.7624, 4.5586

Monochromacy



Original Color

103.8240, -29.9862, 4.5394

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8510, -10.7725, 1.8847

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.8240, -29.9862, 4.5394 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(109, 113, 43)` looks like.

```
.text, #text, p{  
    color:rgb(109, 113, 43)  
}
```

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(109, 113, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 113, 43) }
```

Border

The CSS property to change the border of an element to YUV 103.8240, -29.9862, 4.5394 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(109, 113, 43) }
```


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

```
.border{ border-color:rgb(109, 113, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 113, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 113, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 113, 43);  
box-shadow:4px 4px 4px 4px rgb(109, 113,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 103.8240, -29.9862, 4.5394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 113, 43) }
```

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

```
.background{ background-color: rgb(109,  
113, 43) }
```

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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