

# Converting Colors

YUV(89.9910, -23.1666,  
10.5319)

Have a look what the booklet for  
YUV(89.9910, -23.1666, 10.5319)  
contains.

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# Color

**YUV(89.9910, -23.1666,  
10.5319)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	665D2B
RGB	102, 93, 43
RGB Percent	40%, 36%, 17%
CMY	0.6000, 0.6353, 0.8314
CMYK	0.00, 0.09, 0.58, 0.60
HSL	51°, 41%, 28%
HSV	51°, 58%, 40%
XYZ	9.8299, 10.8279, 3.8574
YIQ	89.9910, 21.4140, -13.6420

# Conversions

## Conversions Part 2

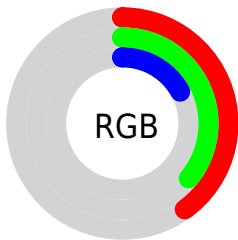
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 102, 43
Decimal	6708523
CIELab	39.29, -3.62, 29.64
CIELCh	39, 29.860, 96.960
Yxy	10.8279, 0.4010, 0.4417
Android (android.graphics.Color)	4284898603 (0xFF665D2B)
YUV	89.9910, -23.1666, 10.5319
Hunter-Lab	32.9058, -4.2621, 16.0837

# Details

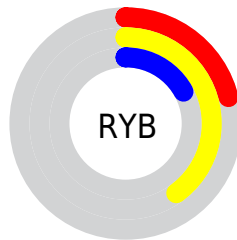
The YUV color **89.9910, -23.1666, 10.5319** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **55.0090, 23.1666, -10.5319**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5460, -24.9192, 12.6762**, and **43.4360, -21.4139, 8.3876** is the 20% darker color. If you saturate the color by 10%, you get **87.6770, -26.9558, 12.5613**, and if you desaturate by 10%, it is **92.3050, -19.3774, 8.5025**.

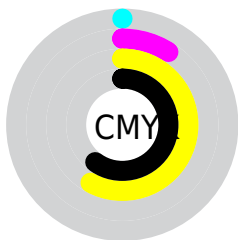
# Distribution



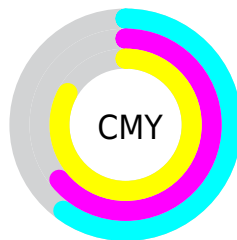
- Red (40%)
- Green (36%)
- Blue (17%)



- Red (21%)
- Yellow (40%)
- Blue (17%)



- Cyan (0%)
- Magenta (9%)
- Yellow (58%)
- Black (60%)



- Cyan (60%)
- Magenta (64%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 89.9910, -23.1666, 10.5319 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 89.9910, -23.1666, 10.5319 by changing the saturation by 10% instead.



89.9910, -23.1666,  
10.5319

89.9910, -23.1666,  
10.5319

255.0000, 0.0000,  
0.0000

66.3930, -22.8717,  
9.3023

140.5460,  
-24.9192, 12.6762

43.4360, -21.4139,  
8.3876

167.3180,  
-25.7928, 12.8761

24.8190, -12.2358,  
4.5437

194.5030,  
-26.3770, 13.5909

0.0000, 0.0000,  
0.0000

222.6880,  
-26.9612, 14.3056

246.9860,  
-25.6291, 7.0283

251.3520,

-13.9775, 3.1993

254.6580, -1.3104,  
0.2999

■ 89.9910, -23.1666,  
10.5319

■ 89.9910, -23.1666,  
10.5319

■ 87.6770, -26.9558,  
12.5613

■ 92.3050, -19.3774,  
8.5025

■ 85.9500, -31.0343,  
14.0758

■ 94.0320, -15.2988,  
6.9879

■ 83.5220, -35.2603,  
16.2052

■ 96.4600, -11.0728,  
4.8586

■ 81.7950, -39.3389,  
17.7198

■ 98.1870, -6.9942,  
3.3440

■ 80.9800, -39.9231,  
18.4345

■ 100.5010, -3.2050,  
1.3146

■ 102.2280, 0.8736,  
-0.2000

■ 104.5420, 4.6628,  
-2.2293

■ 106.3830, 9.1782,  
-3.8439

■ 108.6970, 12.9674,  
-5.8733

# Harmonies

## Analogous

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



92.1440, -21.7630, 27.0607



89.9910, -23.1666, 10.5319



87.3520, -17.4285, -9.9557

# Triad

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



89.9910, -23.1666, 10.5319



74.8420, 22.7559, -65.6364



95.3530, 8.2070, 27.7544

# Complementary

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



89.9910, -23.1666, 10.5319



55.0090, 23.1666, -10.5319

# 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.



94.7400, 17.8762, 6.3670



89.9910, -23.1666, 10.5319



74.3180, 30.9022, -65.1769

# Square

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



89.9910, -23.1666, 10.5319



72.8070, 12.4201, -63.8517



89.5020, 25.3885, -23.2423



94.1450, -3.0295, 38.4608



# Rectangle

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



89.9910, -23.1666, 10.5319



84.6150, -9.6702, -25.0954



89.5020, 25.3885, -23.2423



95.2320, 11.7176, 21.7215

# Sweetspot

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



89.9910, -23.1666, 10.5319



128.0300, -8.8888, 4.3587



61.7810, -4.3290, 35.2721



63.3440, -5.0996, 2.3293



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000



# Same Dimension

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



89.9910, -23.1666, 10.5319



114.2940, -36.1339, 16.4052



89.2940, -22.8229, -6.3968



49.8430, -1.8946, 1.0147



91.3240, -45.0227, 20.7639



192.6930, -94.9976, 43.2422



# Inverse Universe

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



55.0090, 23.1666, -10.5319



59.7060, 36.1339, -16.4052



55.7060, 22.8229, 6.3968



47.1570, 1.8946, -1.0147



23.6760, 45.0227, -20.7639



49.3070, 94.9976, -43.2422



# Previews

## White Background



This preview shows how the YUV color 89.9910, -23.1666, 10.5319 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 89.9910, -23.1666, 10.5319 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

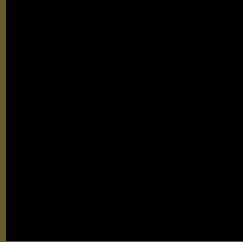
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 89.9910, -23.1666, 10.5319

## Background



This preview shows how black text looks on a background with the YUV color 89.9910, -23.1666, 10.5319.



This preview shows how white text looks on a background with the YUV color 89.9910, -23.1666,



# 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

89.9910, -23.1666, 10.5319

### Protanopia

90.2900, -23.3140, 11.1467

### Deuteranopia

90.7580, -23.0517, 20.3832



## Tritanopia

93.7780, 0.1094, 11.5957

# Trichromacy



## Original Color

89.9910, -23.1666, 10.5319

## Protanomaly

90.2900, -23.3140, 11.1467

## Deuteranomaly

90.7360, -23.0408, 16.8945

## Tritanomaly

92.1880, -8.4737, 11.2361

# Monochromacy



## Original Color

89.9910, -23.1666, 10.5319

## Achromatopsia

90.0000, 0.0000, 0.0000

## Achromatomaly

89.8450, -8.3046, 3.6439

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 89.9910, -23.1666, 10.5319 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(102, 93, 43)` looks like.

```
.text, #text, p{  
    color:rgb(102, 93, 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(102, 93, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 93, 43) }
```

## Border

The CSS property to change the border of an element to YUV 89.9910, -23.1666, 10.5319 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(102, 93, 43) }
```



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

```
.border{ border-color:rgb(102, 93, 43) }
```

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

Here you see how a box with a 4 pixel rgb(102, 93, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 93, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 93, 43);  
box-shadow:4px 4px 4px 4px rgb(102, 93,  
43) }
```

# Background

The CSS property to change the background color of an element to YUV 89.9910, -23.1666, 10.5319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 93, 43) }
```

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

```
.background{ background-color: rgb(102, 93,  
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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