

# Converting Colors

YUV(92.5170, -27.8629,  
-23.2554)

Have a look what the booklet for  
YUV(92.5170, -27.8629, -23.2554)  
contains.

<b>YUV(92.5170, -27.8629, -23.2554)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(92.5170, -27.8629,  
-23.2554)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	427524
RGB	66, 117, 36
RGB Percent	26%, 46%, 14%
CMY	0.7412, 0.5412, 0.8588
CMYK	0.44, 0.00, 0.69, 0.54
HSL	98°, 53%, 30%
HSV	98°, 69%, 46%
XYZ	8.9265, 14.0082, 3.9024
YIQ	92.5170, -4.3950, -36.0030

# Conversions

## Conversions Part 2

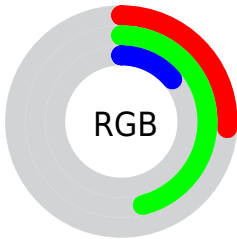
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 117, 87
Decimal	4355364
CIE Lab	44.24, -32.40, 37.93
CIE LCh	44, 49.884, 130.505
Yxy	14.0082, 0.3326, 0.5220
Android (android.graphics.Color)	4282545444 (0xFF427524)
YUV	92.5170, -27.8629, -23.2554
Hunter-Lab	37.4275, -22.9258, 20.0173

# Details

The YUV color **92.5170, -27.8629, -23.2554** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **60.4830, 27.8629, 23.2554**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.7620, -29.4627, -23.4703**, and **43.5040, -21.4475, -27.6290** is the 20% darker color. If you saturate the color by 10%, you get **89.0560, -32.0726, -26.3591**, and if you desaturate by 10%, it is **95.9780, -23.6532, -20.1517**.

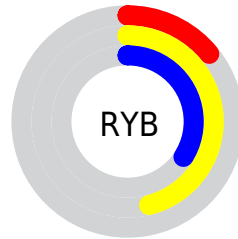
# Distribution



Red (26%)

Green (46%)

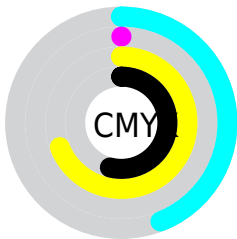
Blue (14%)



Red (14%)

Yellow (46%)

Blue (34%)

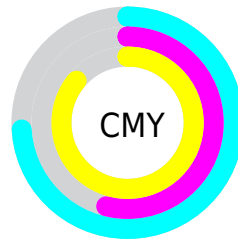


Cyan (44%)

Magenta (0%)

Yellow (69%)

Black (54%)



Cyan (74%)

Magenta (54%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 92.5170, -27.8629, -23.2554 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 92.5170, -27.8629, -23.2554 by changing the saturation by 10% instead.



■ 92.5170, -27.8629,  
-23.2554

■ 92.5170, -27.8629,  
-23.2554

■ 255.0000, 0.0000,  
0.0000

■ 66.9900, -28.5891,  
-23.6702

■ 144.7620,  
-29.4627, -23.4703

■ 43.5040, -21.4475,  
-27.6290

■ 171.6480,  
-29.8995, -23.3703

■ 26.4150, -13.0226,  
-23.1660

■ 199.1210,  
-30.6257, -23.7851

■ 13.5010, -6.6560,  
-11.8404

■ 227.4800,  
-31.7886, -24.1000

■ 0.0000, 0.0000,  
0.0000

■ 239.9300,  
-24.1225, -9.5856

■ 250.8960,

-15.7247, 3.5992

254.2020, -3.0576,  
0.6998

■ 92.5170, -27.8629,  
-23.2554

■ 92.5170, -27.8629,  
-23.2554

■ 89.0560, -32.0726,  
-26.3591

■ 95.9780, -23.6532,  
-20.1517

■ 85.4100, -35.6981,  
-30.1776

■ 99.6240, -20.0276,  
-16.3332

■ 81.9490, -39.9079,  
-33.2813

■ 103.0850,  
-15.8179, -13.2295

■ 81.5360, -40.1972,  
-33.7961

■ 106.5460,  
-11.6082, -10.1258

■ 110.3060, -7.5459,  
-6.4074

■ 113.6530, -3.7729,  
-3.2037

■ 117.4130, 0.2894,  
0.5148

■ 120.8740, 4.4991,  
3.6185

■ 124.2210, 8.2720,  
6.8222

# Harmonies

## Analogous

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



96.9810, -44.8536, 13.1717



92.5170, -27.8629, -23.2554



80.1640, -2.5459, -70.3038

# Triad

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



92.5170, -27.8629, -23.2554



89.5410, 46.0753, -78.5275



101.5770, -4.7215, 67.9000

# Complementary

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



92.5170, -27.8629, -23.2554



60.4830, 27.8629, 23.2554

# 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.



105.0000, 13.8040, 52.6200



92.5170, -27.8629, -23.2554



94.6140, 45.5463, -48.7735

# Square

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



92.5170, -27.8629, -23.2554



90.2130, 33.4190, -79.1168



107.5960, 29.7792, 15.2633



101.1960, -23.7606, 61.2181



# Rectangle

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



92.5170, -27.8629, -23.2554



84.6440, 9.5425, -74.2328



107.5960, 29.7792, 15.2633



101.9880, 1.9779, 65.7855

# Sweetspot

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



92.5170, -27.8629, -23.2554



143.3720, -11.0294, -9.0962



89.5690, -26.4095, 24.0570



70.8330, -6.8197, -5.9925



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



92.5170, -27.8629, -23.2554



114.6020, -43.6808, -36.4850



84.5730, -19.5095, -42.5985



57.1200, -2.0312, -1.8592



85.0690, -41.9390, -35.1405



174.5570, -86.0566, -71.5255



# Inverse Universe

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



60.4830, 27.8629, 23.2554



64.3980, 43.6808, 36.4850



68.4270, 19.5095, 42.5985



54.5810, 2.1786, 1.2445



36.9310, 41.9390, 35.1405



75.4430, 86.0566, 71.5255



# Previews

## White Background



This preview shows how the YUV color 92.5170, -27.8629, -23.2554 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 92.5170, -27.8629, -23.2554 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 92.5170, -27.8629, -23.2554

## Background



This preview shows how black text looks on a background with the YUV color 92.5170, -27.8629, -23.2554.



This preview shows how white text looks on a background with the YUV color 92.5170, -27.8629, -23.2554.

-23.2554.

# 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

92.5170, -27.8629, -23.2554

### Protanopia

99.7930, -32.9289, 15.0905

### Deuteranopia

101.7710, -29.4671, 24.7568



## Tritanopia

101.0560, 8.3534, -19.3431

# Trichromacy



## Original Color

92.5170, -27.8629, -23.2554

## Protanomaly

97.1610, -31.1384, 0.7358

## Deuteranomaly

98.7750, -28.9761, 7.2133

## Tritanomaly

97.9020, -4.8817, -20.9621

# Monochromacy



## Original Color

92.5170, -27.8629, -23.2554

## Achromatopsia

93.0000, 0.0000, 0.0000

## Achromatomaly

92.8990, -10.3032, -8.6814

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 92.5170, -27.8629, -23.2554 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(66, 117, 36)` looks like.

```
.text, #text, p{  
    color:rgb(66, 117, 36)  
}
```

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(66, 117, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 117, 36) }
```

## Border

The CSS property to change the border of an element to YUV 92.5170, -27.8629, -23.2554 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(66, 117, 36) }
```



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

```
.border{ border-color:rgb(66, 117, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 117, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 117, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 117, 36);  
box-shadow:4px 4px 4px 4px rgb(66, 117,  
36) }
```

# Background

The CSS property to change the background color of an element to YUV 92.5170, -27.8629, -23.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 117, 36) }
```

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

```
.background{ background-color: rgb(66, 117,  
36) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor