

# Converting Colors

YUV(91.0760, -22.2225,  
-12.3447)

Have a look what the booklet for  
YUV(91.0760, -22.2225, -12.3447)  
contains.

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# Color

**YUV(91.0760, -22.2225,  
-12.3447)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D6B2E
RGB	77, 107, 46
RGB Percent	30%, 42%, 18%
CMY	0.6980, 0.5804, 0.8196
CMYK	0.28, 0.00, 0.57, 0.58
HSL	90°, 40%, 30%
HSV	90°, 57%, 42%
XYZ	8.8114, 12.2904, 4.4926
YIQ	91.0760, 1.7010, -25.3310

# Conversions

## Conversions Part 2

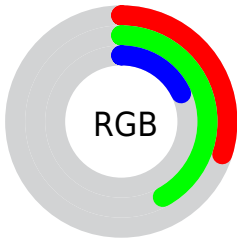
Format	Color
R <sub>Y</sub> B	46, 107, 76
Decimal	5073710
CIE Lab	41.67, -22.30, 30.33
CIE LCh	42, 37.644, 126.329
Yxy	12.2904, 0.3443, 0.4802
Android (android.graphics.Color)	4283263790 (0xFF4D6B2E)
YUV	91.0760, -22.2225, -12.3447
Hunter-Lab	35.0577, -16.4868, 16.9424

# Details

The YUV color **91.0760, -22.2225, -12.3447** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **61.9240, 22.2225, 12.3447**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.3210, -23.8223, -12.5595**, and **43.3040, -21.3489, -12.5446** is the 20% darker color. If you saturate the color by 10%, you get **88.3270, -26.2902, -14.3188**, and if you desaturate by 10%, it is **93.8250, -18.1547, -10.3705**.

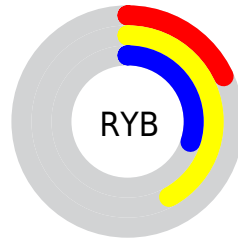
# Distribution



Red (30%)

Green (42%)

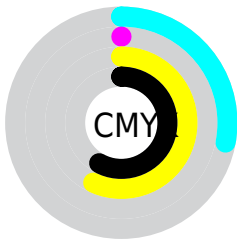
Blue (18%)



Red (18%)

Yellow (42%)

Blue (30%)

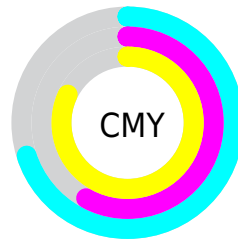


Cyan (28%)

Magenta (0%)

Yellow (57%)

Black (58%)



Cyan (70%)

Magenta (58%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 91.0760, -22.2225, -12.3447 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 91.0760, -22.2225, -12.3447 by changing the saturation by 10% instead.



91.0760, -22.2225,  
-12.3447

91.0760, -22.2225,  
-12.3447

255.0000, 0.0000,  
0.0000

67.1900, -21.7857,  
-12.4446

142.3210,  
-23.8223, -12.5595

43.3040, -21.3489,  
-12.5446

168.7940,  
-24.5484, -12.9743

22.9150, -11.2971,  
-16.5885

195.9790,  
-25.1326, -12.2596

6.4570, -3.1833,  
-5.6628

224.4520,  
-25.8588, -12.6744

0.0000, 0.0000,  
0.0000

243.6470,  
-21.5180, -4.9524

251.9220,

-11.7935, 2.6994

■ 91.0760, -22.2225,  
-12.3447

■ 91.0760, -22.2225,  
-12.3447

■ 88.3270, -26.2902,  
-14.3188

■ 93.8250, -18.1547,  
-10.3705

■ 85.3930, -29.7737,  
-17.0077

■ 96.7590, -14.6712,  
-7.6816

■ 82.6440, -33.8415,  
-18.9818

■ 99.5080, -10.6034,  
-5.7075

■ 79.8950, -37.9092,  
-20.9559

■ 102.2570, -6.5357,  
-3.7334

■ 78.9550, -38.9248,  
-21.8855

■ 105.0060, -2.4680,  
-1.7593

■ 107.9400, 1.0156,  
0.9296

■ 110.6890, 5.0833,  
2.9037

■ 113.4380, 9.1511,  
4.8779

■ 116.0730, 12.7820,  
6.9520

# Harmonies

## Analogous

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



94.7650, -30.4501, 13.3611



91.0760, -22.2225, -12.3447



82.6230, -5.2371, -47.0274

# Triad

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



91.0760, -22.2225, -12.3447



81.0660, 36.4495, -71.0949



98.6240, -2.7726, 49.4418

# Complementary

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



91.0760, -22.2225, -12.3447



61.9240, 22.2225, 12.3447

# 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.



100.9070, 11.3848, 35.1616



91.0760, -22.2225, -12.3447



92.2000, 33.4254, -34.3784

# Square

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



91.0760, -22.2225, -12.3447



81.6070, 25.8297, -71.5693



100.5320, 23.4017, 7.4264



97.8290, -17.1707, 47.5080



# Rectangle

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



91.0760, -22.2225, -12.3447



76.9330, 7.9210, -67.4702



100.5320, 23.4017, 7.4264



99.1660, 1.8902, 47.2124

# Sweetspot

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



91.0760, -22.2225, -12.3447



133.9750, -8.8617, -4.3631



81.2620, -17.3842, 22.5722



67.3110, -5.0833, -2.9037



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



91.0760, -22.2225, -12.3447



115.1170, -34.5677, -19.3966



82.1060, -17.8003, -30.7880



52.4190, -2.1786, -1.2445



86.6190, -42.7032, -23.3449



180.8910, -89.1793, -49.8934



# Inverse Universe

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



61.9240, 22.2225, 12.3447



69.8830, 34.5677, 19.3966



70.8940, 17.8003, 30.7880



49.5810, 2.1786, 1.2445



30.6800, 42.5558, 23.9596



63.8100, 89.3267, 49.2786



# Previews

## White Background



This preview shows how the YUV color 91.0760, -22.2225, -12.3447 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 91.0760, -22.2225, -12.3447 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

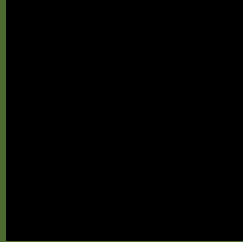
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 91.0760, -22.2225, -12.3447

## Background



This preview shows how black text looks on a background with the YUV color 91.0760, -22.2225, -12.3447.



This preview shows how white text looks on a background with the YUV color 91.0760, -22.2225, -12.3447.

-12.3447.

# 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

91.0760, -22.2225, -12.3447

### Protanopia

95.0190, -25.6454, 12.2613

### Deuteranopia

96.4700, -22.9097, 21.5128



## Tritanopia

96.7260, 5.5581, -9.4067

# Trichromacy



## Original Color

91.0760, -22.2225, -12.3447

## Protanomaly

93.3060, -24.3079, 3.2396

## Deuteranomaly

94.5070, -22.4350, 9.2024

## Tritanomaly

94.9680, -4.9142, -10.4959

# Monochromacy



## Original Color

91.0760, -22.2225, -12.3447

## Achromatopsia

91.0000, 0.0000, 0.0000

## Achromatomaly

91.2030, -7.9881, -4.5630

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 91.0760, -22.2225, -12.3447 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(77, 107, 46)` looks like.

```
.text, #text, p{  
    color:rgb(77, 107, 46)  
}
```

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(77, 107, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 107, 46) }
```

## Border

The CSS property to change the border of an element to YUV 91.0760, -22.2225, -12.3447 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(77, 107, 46) }
```



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

```
.border{ border-color:rgb(77, 107, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 107, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 107, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 107, 46);  
box-shadow:4px 4px 4px 4px rgb(77, 107,  
46) }
```

# Background

The CSS property to change the background color of an element to YUV 91.0760, -22.2225, -12.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 107, 46) }
```

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

```
.background{ background-color: rgb(77, 107,  
46) }
```

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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