

# Converting Colors

YUV(64.7990, -22.0859, -9.4707)

Have a look what the booklet for  
YUV(64.7990, -22.0859, -9.4707)  
contains.

<b>YUV(64.7990, -22.0859, -9.4707)</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(64.7990, -22.0859,  
-9.4707)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	364F14
RGB	54, 79, 20
RGB Percent	21%, 31%, 8%
CMY	0.7882, 0.6902, 0.9216
CMYK	0.32, 0.00, 0.75, 0.69
HSL	85°, 60%, 19%
HSV	85°, 75%, 31%
XYZ	4.4436, 6.4267, 1.6681
YIQ	64.7990, 4.0390, -23.6490

# Conversions

## Conversions Part 2

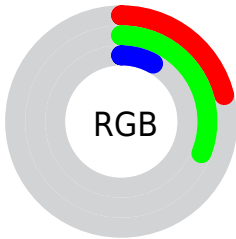
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 79, 45
Decimal	3559188
CIE <sub>Lab</sub>	30.46, -20.16, 30.44
CIE <sub>LCh</sub>	30, 36.507, 123.512
Yxy	6.4267, 0.3544, 0.5126
Android (android.graphics.Color)	4281749268 (0xFF364F14)
YUV	64.7990, -22.0859, -9.4707
Hunter-Lab	25.3510, -13.0765, 13.8444

# Details

The YUV color **64.7990, -22.0859, -9.4707** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **34.2010, 22.0859, 9.4707**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.5710, -22.9595, -9.2708**, and **21.4530, -10.5763, -14.4293** is the 20% darker color. If you saturate the color by 10%, you get **62.9900, -25.1381, -10.5152**, and if you desaturate by 10%, it is **66.6080, -19.0337, -8.4262**.

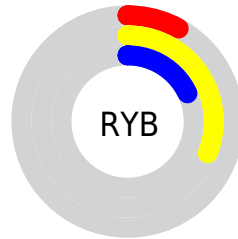
# Distribution



Red (21%)

Green (31%)

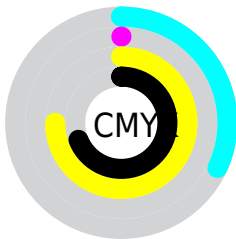
Blue (8%)



Red (8%)

Yellow (31%)

Blue (18%)

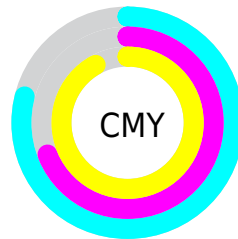


Cyan (32%)

Magenta (0%)

Yellow (75%)

Black (69%)



Cyan (79%)

Magenta (69%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 64.7990, -22.0859, -9.4707 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 64.7990, -22.0859, -9.4707 by changing the saturation by 10% instead.



■ 64.7990, -22.0859,  
-9.4707

■ 64.7990, -22.0859,  
-9.4707

■ 254.7720, -0.8736,  
0.2000

■ 42.1410, -20.7755,  
-9.7707

■ 113.5710,  
-22.9595, -9.2708

■ 21.4530, -10.5763,  
-14.4293

■ 139.3430,  
-23.8331, -9.0708

■ 1.7610, -0.8682,  
-1.5444

■ 165.8160,  
-24.5593, -9.4856


■ 0.0000, 0.0000,  
0.0000


■ 193.5880,  
-25.4329, -9.2857


■ 221.4740,  
-25.8697, -9.1857


■ 243.4900,


-23.4126, -3.9377


 251.4660,  
-13.5407, 3.0993


 64.7990, -22.0859,  
-9.4707


 64.7990, -22.0859,  
-9.4707


 62.9900, -25.1381,  
-10.5152


 66.6080, -19.0337,  
-8.4262


 60.8820, -28.0428,  
-12.1745

 68.7160, -16.1290,  
-6.7669

 60.1270, -29.6426,  
-12.3894

 70.5250, -13.0768,  
-5.7224

 72.3340, -10.0247,  
-4.6779

 74.4420, -7.1199,  
-3.0186

■ 76.1370, -4.5045,  
-1.8741

■ 77.9460, -1.4524,  
-0.8296

■ 80.0540, 1.4524,  
0.8296

■ 81.8630, 4.5045,  
1.8741

# Harmonies

## Analogous

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



67.2920, -29.7240, 13.7759



64.7990, -22.0859, -9.4707



53.8510, -4.3635, -47.2273

# Triad

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



64.7990, -22.0859, -9.4707



61.4550, 29.8487, -53.8960



70.2860, -0.1410, 45.3532

# Complementary

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



64.7990, -22.0859, -9.4707



34.2010, 22.0859, 9.4707

# 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.



73.1130, 12.2693, 31.4729



64.7990, -22.0859, -9.4707



58.1440, 34.9320, -50.9923

# Square

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



64.7990, -22.0859, -9.4707



61.5230, 19.9552, -53.9557



73.5700, 22.3970, 3.0081



69.4310, -13.5235, 44.3490



# Rectangle

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



64.7990, -22.0859, -9.4707



57.1910, 3.3568, -50.1565



73.5700, 22.3970, 3.0081



71.3010, 3.7956, 42.7090

# Sweetspot

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



64.7990, -22.0859, -9.4707



96.5020, -8.1355, -3.9483



52.3160, -15.9318, 23.4019



47.7240, -4.7939, -2.3889



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000



# Same Dimension

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



64.7990, -22.0859, -9.4707



79.8510, -34.4365, -14.7783



56.1280, -17.8111, -27.2993



37.2450, -1.5998, -0.2149



77.5150, -38.2149, -16.2377



174.4780, -86.0177, -37.2532



# Inverse Universe

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



34.2010, 22.0859, 9.4707



32.1490, 34.4365, 14.7783



42.8720, 17.8111, 27.2993



35.0540, 1.4524, 0.8296



24.4850, 38.2149, 16.2377



55.2230, 86.1651, 36.6384



# Previews

## White Background



This preview shows how the YUV color 64.7990, -22.0859, -9.4707 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

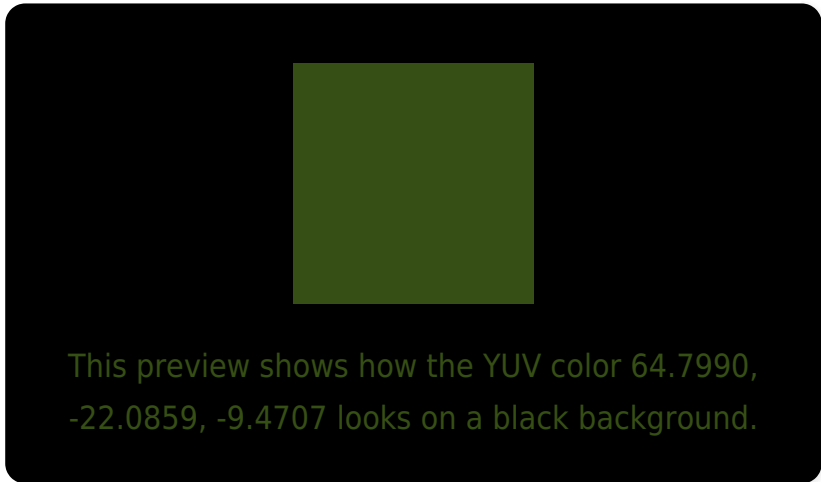
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64.7990, -22.0859, -9.4707

## Background



This preview shows how black text looks on a background with the YUV color 64.7990, -22.0859, -9.4707.



This preview shows how white text looks on a background with the YUV color 64.7990, -22.0859,

-9.4707.

# 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

64.7990, -22.0859, -9.4707

### Protanopia

68.2360, -24.7663, 10.3170

### Deuteranopia

69.6760, -22.0253, 17.8241



**Tritanopia**

70.7970, 4.5371, -8.5920

# Trichromacy



## Original Color

64.7990, -22.0859, -9.4707

## Protanomaly

67.4200, -23.8711, 3.1397

## Deuteranomaly

67.9090, -22.1401, 7.9728

## Tritanomaly

68.5660, -5.2090, -9.2664

# Monochromacy



## Original Color

64.7990, -22.0859, -9.4707

## Achromatopsia

65.0000, 0.0000, 0.0000

## Achromatomaly

64.9150, -7.8461, -3.4335

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 64.7990, -22.0859, -9.4707 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(54, 79, 20)` looks like.

```
.text, #text, p{  
    color:rgb(54, 79, 20)  
}
```

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(54, 79, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 79, 20) }
```

## Border

The CSS property to change the border of an element to YUV 64.7990, -22.0859, -9.4707 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(54, 79, 20) }
```



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

```
.border{ border-color:rgb(54, 79, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 79, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 79, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 79, 20);  
box-shadow:4px 4px 4px 4px rgb(54, 79, 20)  
}
```

# Background

The CSS property to change the background color of an element to YUV 64.7990, -22.0859, -9.4707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 79, 20) }
```

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

```
.background{ background-color: rgb(54, 79,  
20) }
```

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