

Converting Colors

YUV(105.7990, -22.0859,
-9.4707)

Have a look what the booklet for
YUV(105.7990, -22.0859, -9.4707)
contains.

YUV(105.7990, -22.0859, -9.4707)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(105.7990, -22.0859,
-9.4707)**

Conversions

Conversions Part 1

Format	Color
Hex	5F783D
RGB	95, 120, 61
RGB Percent	37%, 47%, 24%
CMY	0.6275, 0.5294, 0.7608
CMYK	0.21, 0.00, 0.49, 0.53
HSL	85°, 33%, 35%
HSV	85°, 49%, 47%
XYZ	12.2781, 16.2028, 6.8952
YIQ	105.7990, 4.0390, -23.6490

Conversions

Conversions Part 2

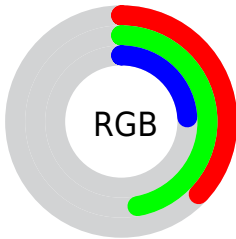
Format	Color
RYB	61, 120, 86
Decimal	6256701
CIELab	47.24, -19.83, 29.31
CIELCh	47, 35.391, 124.073
Yxy	16.2028, 0.3471, 0.4580
Android (android.graphics.Color)	4284446781 (0xFF5F783D)
YUV	105.7990, -22.0859, -9.4707
Hunter-Lab	40.2527, -15.9951, 18.0206

Details

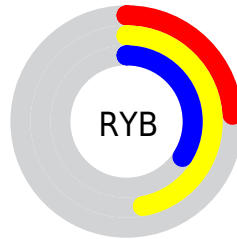
The YUV color **105.7990, -22.0859, -9.4707** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **75.2010, 22.0859, 9.4707**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.4570, -23.3963, -9.1708**, and **57.4400, -20.9229, -9.1559** is the 20% darker color. If you saturate the color by 10%, you get **102.9360, -26.5904, -11.3449**, and if you desaturate by 10%, it is **108.6620, -17.5814, -7.5966**.

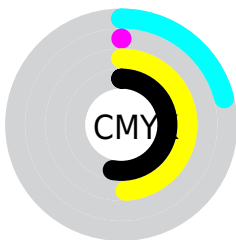
Distribution



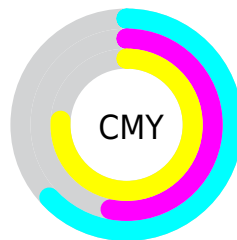
- Red (37%)
- Green (47%)
- Blue (24%)



- Red (24%)
- Yellow (47%)
- Blue (34%)



- Cyan (21%)
- Magenta (0%)
- Yellow (49%)
- Black (53%)



- Cyan (63%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.7990, -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 105.7990, -22.0859, -9.4707 by changing the saturation by 10% instead.

■ 105.7990,
-22.0859, -9.4707

■ 105.7990,
-22.0859, -9.4707

■ 255.0000, 0.0000,
0.0000

■ 81.0270, -21.2123,
-9.6707

■ 157.4570,
-23.3963, -9.1708

■ 57.4400, -20.9229,
-9.1559

■ 184.9300,
-24.1225, -9.5856

■ 36.5370, -18.0127,
-9.2409

■ 212.4030,
-24.8487, -10.0004

■ 17.0230, -8.3923,
-14.9292

■ 240.0010,
-25.1435, -8.7709

■ 0.0000, 0.0000,
0.0000

■ 250.6680,
-16.5983, 3.7992

■ 253.9740, -3.9312,

0.8998

■ 105.7990,
-22.0859, -9.4707

■ 105.7990,
-22.0859, -9.4707

■ 102.9360,
-26.5904, -11.3449

■ 108.6620,
-17.5814, -7.5966

■ 100.0730,
-31.0950, -13.2190

■ 111.5250,
-13.0768, -5.7224

■ 97.2100, -35.5995,
-15.0932

■ 114.3880, -8.5723,
-3.8483

■ 94.3470, -40.1041,
-16.9673

■ 117.2510, -4.0677,
-1.9741

■ 91.4840, -44.6086,
-18.8415

■ 120.1140, 0.4368,
-0.1000

■ 91.0710, -44.8980,
-19.3563

■ 123.2760, 4.7939,
2.3889

■ 126.1390, 9.2985,
4.2631

■ 129.0020, 13.8030,
6.1372

■ 131.8650, 18.3076,
8.0114

Harmonies

Analogous

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



109.2320, -28.7084, 14.7055



105.7990, -22.0859, -9.4707



99.8090, -7.3008, -38.4205

Triad

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



105.7990, -22.0859, -9.4707



90.4240, 36.7660, -79.3018



113.4280, -2.1830, 46.9826

Complementary

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



105.7990, -22.0859, -9.4707



75.2010, 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.



115.2980, 11.6851, 32.1877



105.7990, -22.0859, -9.4707



107.0430, 31.5308, -33.3637

Square

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



105.7990, -22.0859, -9.4707



90.3780, 26.4356, -79.2615



114.6950, 22.8284, 4.6525



112.1710, -15.8603, 47.2080

Rectangle

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



105.7990, -22.0859, -9.4707



87.7150, 8.5215, -73.4181



114.6950, 22.8284, 4.6525



114.2580, 2.3378, 43.6237

Sweetspot

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



105.7990, -22.0859, -9.4707



150.2740, -9.0091, -3.7483



93.3160, -15.9318, 23.4019



75.6100, -5.2307, -2.2890



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



105.7990, -22.0859, -9.4707



133.8510, -34.4365, -14.7783



97.1280, -17.8111, -27.2993



59.7180, -2.3260, -0.6297



94.9030, -46.7872, -20.0859



191.2790, -94.3005, -40.5867

Inverse Universe

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



75.2010, 22.0859, 9.4707



86.1490, 34.4365, 14.7783



83.8720, 17.8111, 27.2993



56.5810, 2.1786, 1.2445



30.0970, 46.7872, 20.0859



60.7210, 94.3005, 40.5867

Previews

White Background



This preview shows how the YUV color 105.7990, -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 × Fail

Black Background



This preview shows how the YUV color 105.7990, -22.0859, -9.4707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

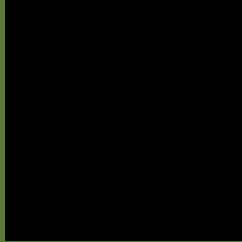
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.7990, -22.0859, -9.4707

Background



This preview shows how black text looks on a background with the YUV color 105.7990, -22.0859, -9.4707.



This preview shows how white text looks on a background with the YUV color 105.7990, -22.0859, -9.4707.

-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

105.7990, -22.0859, -9.4707

Protanopia

109.1330, -25.2086, 12.1614

Deuteranopia

110.7690, -23.0571, 22.1276



Tritanopia

111.0360, 5.4053, -7.0476

Trichromacy



Original Color

105.7990, -22.0859, -9.4707

Protanomaly

108.0180, -24.1659, 4.3692

Deuteranomaly

109.1050, -22.7298, 10.4319

Tritanomaly

109.3920, -4.6303, -8.2368

Monochromacy



Original Color

105.7990, -22.0859, -9.4707

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9150, -7.8461, -3.4335

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.7990, -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(95, 120, 61)` looks like.

```
.text, #text, p{  
    color:rgb(95, 120, 61)  
}
```

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(95, 120, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 120, 61) }
```

Border

The CSS property to change the border of an element to YUV 105.7990, -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(95, 120, 61) }
```


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

```
.border{ border-color:rgb(95, 120, 61) }
```

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

Here you see how a box with a 4 pixel rgb(95, 120, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 120, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 120, 61);  
box-shadow:4px 4px 4px 4px rgb(95, 120,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 105.7990, -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(95, 120, 61) }
```

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

```
.background{ background-color: rgb(95, 120,  
61) }
```

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