

Converting Colors

YUV(99.7990, -22.0859, -9.4707)

Have a look what the booklet for
YUV(99.7990, -22.0859, -9.4707)
contains.

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Color

**YUV(99.7990, -22.0859,
-9.4707)**

Conversions

Conversions Part 1

Format	Color
Hex	597237
RGB	89, 114, 55
RGB Percent	35%, 45%, 22%
CMY	0.6510, 0.5529, 0.7843
CMYK	0.22, 0.00, 0.52, 0.55
HSL	85°, 35%, 33%
HSV	85°, 52%, 45%
XYZ	10.8267, 14.4343, 5.8299
YIQ	99.7990, 4.0390, -23.6490

Conversions

Conversions Part 2

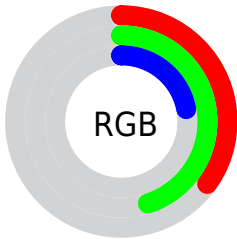
Format	Color
RYB	55, 114, 80
Decimal	5861943
CIELab	44.85, -19.91, 29.53
CIELCh	45, 35.614, 123.982
Yxy	14.4343, 0.3482, 0.4643
Android (android.graphics.Color)	4284052023 (0xFF597237)
YUV	99.7990, -22.0859, -9.4707
Hunter-Lab	37.9925, -15.6198, 17.4968

Details

The YUV color **99.7990, -22.0859, -9.4707** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **69.2010, 22.0859, 9.4707**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.0440, -23.6857, -9.6856**, and **51.9130, -21.6491, -9.5707** is the 20% darker color. If you saturate the color by 10%, you get **97.0500, -26.1536, -11.4448**, and if you desaturate by 10%, it is **102.5480, -18.0182, -7.4966**.

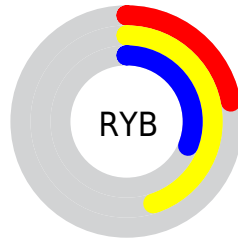
Distribution



Red (35%)

Green (45%)

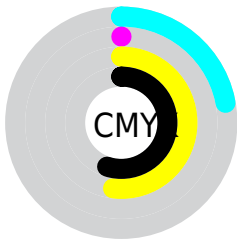
Blue (22%)



Red (22%)

Yellow (45%)

Blue (31%)

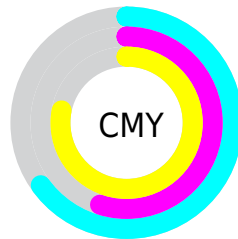


Cyan (22%)

Magenta (0%)

Yellow (52%)

Black (55%)



Cyan (65%)

Magenta (55%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7990, -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 99.7990, -22.0859, -9.4707 by changing the saturation by 10% instead.

■ 99.7990, -22.0859,
-9.4707

■ 99.7990, -22.0859,
-9.4707

■ 255.0000, 0.0000,
0.0000

■ 75.3260, -21.3597,
-9.0559

■ 151.0440,
-23.6857, -9.6856

■ 51.9130, -21.6491,
-9.5707

■ 177.9300,
-24.1225, -9.5856

■ 30.9220, -15.2445,
-10.4556

■ 205.7020,
-24.9961, -9.3857

■ 14.6750, -7.2348,
-12.8700

■ 234.1750,
-25.7223, -9.8005

■ 0.0000, 0.0000,
0.0000

■ 248.9730,
-19.2137, 2.6547

■ 253.1760, -6.9888,

1.5996

■ 99.7990, -22.0859,
-9.4707

■ 99.7990, -22.0859,
-9.4707

■ 97.0500, -26.1536,
-11.4448

■ 102.5480,
-18.0182, -7.4966

■ 94.1870, -30.6582,
-13.3190

■ 105.4110,
-13.5136, -5.6224

■ 91.7370, -34.8733,
-14.6783

■ 107.8610, -9.2985,
-4.2631

■ 88.8740, -39.3779,
-16.5525

■ 110.7240, -4.7939,
-2.3889

■ 86.6520, -42.7194,
-18.1118

■ 113.4730, -0.7262,
-0.4148

■ 116.2220, 3.3416,
1.5593

■ 119.0850, 7.8461,
3.4335

■ 121.8340, 11.9138,
5.4076

■ 124.3980, 16.5658,
6.6670

Harmonies

Analogous

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



103.2320, -28.7084, 14.7055



99.7990, -22.0859, -9.4707



93.5100, -7.1534, -39.0353

Triad

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



99.7990, -22.0859, -9.4707



86.2180, 35.8815, -75.6132



107.4280, -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.



99.7990, -22.0859, -9.4707



69.2010, 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.



109.2980, 11.6851, 32.1877



99.7990, -22.0859, -9.4707



100.7440, 31.6782, -33.9785

Square

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



99.7990, -22.0859, -9.4707



86.1720, 25.5512, -75.5728



108.6950, 22.8284, 4.6525



105.9860, -15.2761, 46.4933

Rectangle

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



99.7990, -22.0859, -9.4707



82.3130, 8.2267, -72.1885



108.6950, 22.8284, 4.6525



108.2580, 2.3378, 43.6237

Sweetspot

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



99.7990, -22.0859, -9.4707



142.2740, -9.0091, -3.7483



87.3160, -15.9318, 23.4019



70.6100, -5.2307, -2.2890



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



99.7990, -22.0859, -9.4707



125.8510, -34.4365, -14.7783



91.1280, -17.8111, -27.2993



54.7180, -2.3260, -0.6297



91.0710, -44.8980, -19.3563



187.7460, -92.5588, -39.2422

Inverse Universe

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



69.2010, 22.0859, 9.4707



78.1490, 34.4365, 14.7783



77.8720, 17.8111, 27.2993



51.5810, 2.1786, 1.2445



28.9290, 44.8980, 19.3563



59.5530, 92.4114, 39.8570

Previews

White Background



This preview shows how the YUV color 99.7990, -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 99.7990, -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 99.7990, -22.0859, -9.4707

Background



This preview shows how black text looks on a background with the YUV color 99.7990, -22.0859, -9.4707.



This preview shows how white text looks on a background with the YUV color 99.7990, -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

99.7990, -22.0859, -9.4707

Protanopia

103.1330, -25.2086, 12.1614

Deuteranopia

104.4700, -22.9097, 21.5128



Tritanopia

105.0360, 5.4053, -7.0476

Trichromacy



Original Color

99.7990, -22.0859, -9.4707

Protanomaly

102.0180, -24.1659, 4.3692

Deuteranomaly

102.8060, -22.5824, 9.8171

Tritanomaly

103.3920, -4.6303, -8.2368

Monochromacy



Original Color

99.7990, -22.0859, -9.4707

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9150, -7.8461, -3.4335

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7990, -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(89, 114, 55)` looks like.

```
.text, #text, p{  
    color:rgb(89, 114, 55)  
}
```

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(89, 114, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 114, 55) }
```

Border

The CSS property to change the border of an element to YUV 99.7990, -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(89, 114, 55) }
```


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

```
.border{ border-color:rgb(89, 114, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 114, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 114, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 114, 55);  
box-shadow:4px 4px 4px 4px rgb(89, 114,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 99.7990, -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(89, 114, 55) }
```

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

```
.background{ background-color: rgb(89, 114,  
55) }
```

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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