

Converting Colors

YUV(99.2090, 9.7570, -2.8143)

Have a look what the booklet for
YUV(99.2090, 9.7570, -2.8143)
contains.

YUV(99.2090, 9.7570, -2.8143)	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(99.2090, 9.7570,
-2.8143)**

Conversions

Conversions Part 1

Format	Color
Hex	606177
RGB	96, 97, 119
RGB Percent	38%, 38%, 47%
CMY	0.6235, 0.6196, 0.5333
CMYK	0.19, 0.18, 0.00, 0.53
HSL	237°, 11%, 42%
HSV	237°, 19%, 47%
XYZ	12.4283, 12.3681, 19.1850
YIQ	99.2090, -7.6580, 6.6300

Conversions

Conversions Part 2

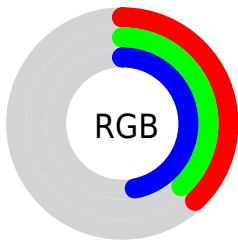
Format	Color
RYB	96, 97, 119
Decimal	6316407
CIELab	41.80, 4.66, -12.48
CIElCh	42, 13.320, 290.500
Yxy	12.3681, 0.2826, 0.2812
Android (android.graphics.Color)	4284506487 (0xFF606177)
YUV	99.2090, 9.7570, -2.8143
Hunter-Lab	35.1683, 1.5367, -7.7260

Details

The YUV color **99.2090, 9.7570, -2.8143** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.7910, -9.7570, 2.8143**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3230, 10.1938, -2.9143**, and **52.6820, 9.0308, -3.2291** is the 20% darker color. If you saturate the color by 10%, you get **89.1640, 14.7091, -4.5288**, and if you desaturate by 10%, it is **109.2540, 4.8048, -1.0998**.

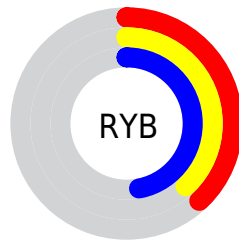
Distribution



Red (38%)

Green (38%)

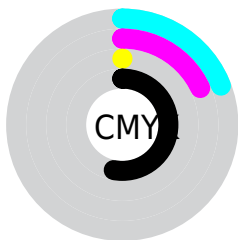
Blue (47%)



Red (38%)

Yellow (38%)

Blue (47%)

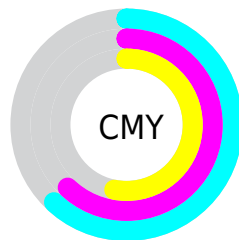


Cyan (19%)

Magenta (18%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (62%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.2090, 9.7570, -2.8143 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 99.2090, 9.7570, -2.8143 by changing the saturation by 10% instead.

■ 99.2090, 9.7570,
-2.8143

■ 99.2090, 9.7570,
-2.8143

255.0000, 0.0000,
0.0000

■ 75.0950, 9.3202,
-2.7143

■ 150.3230, 10.1938,
-2.9143

■ 52.6820, 9.0308,
-3.2291

■ 176.5510, 11.0674,
-3.1142

■ 31.4540, 8.1572,
-3.0292

■ 203.9640, 11.3567,
-2.5994

■ 6.7360, 10.4832,
-2.3995

■ 232.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 99.2090, 9.7570,

■ 99.2090, 9.7570,

-2.8143

-2.8143

■ 89.1640, 14.7091,
-4.5288

■ 109.2540, 4.8048,
-1.0998

■ 78.5320, 19.9507,
-5.7286

■ 119.8860, -0.4368,
0.1000

■ 68.4870, 24.9029,
-7.4431

■ 129.9310, -5.3890,
1.8145

■ 57.8550, 30.1445,
-8.6428

■ 140.5630,
-10.6306, 3.0142

■ 48.1090, 34.9493,
-9.7426

■ 150.3090,
-15.4353, 4.1140

■ 38.0640, 39.9014,
-11.4571

■ 160.3540,
-20.3875, 5.8285

■ 27.4320, 45.1430,
-12.6569

■ 170.9860,
-25.6291, 7.0283

■ 17.3870, 50.0952,
-14.3714

■ 181.0310,
-30.5813, 8.7428

■ 16.5010, 50.5320,
-14.4714

■ 191.0760,
-35.5335, 10.4573

Harmonies

Analogous

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



97.4850, 11.0999, -13.5803



99.2090, 9.7570, -2.8143



100.0640, 6.3774, 7.8369

Triad

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



99.2090, 9.7570, -2.8143



99.2210, -8.4900, 16.4692



94.8900, 0.0542, -17.4435

Complementary

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



99.2090, 9.7570, -2.8143



115.7910, -9.7570, 2.8143

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.



95.7510, -5.7932, -8.5516



99.2090, 9.7570, -2.8143



98.6070, -10.6523, 9.9917

Square

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



99.2090, 9.7570, -2.8143



99.9700, -4.4222, 18.4433



97.1930, -9.4621, 1.5847



94.3500, 5.7435, -22.2319

Rectangle

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



99.2090, 9.7570, -2.8143



100.7720, 2.5774, 13.3550



97.1930, -9.4621, 1.5847



95.0430, -1.9932, -14.0697

Sweetspot

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



99.2090, 9.7570, -2.8143



147.7270, 4.0786, -1.5146



112.0090, 2.9536, -14.0399



74.5700, 2.1840, -0.4999



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.



99.2090, 9.7570, -2.8143



124.6910, 15.4353, -4.1140



101.6120, 8.5723, 3.8483



53.6840, 2.6208, -0.5999



16.8430, 51.8424, -14.7713



34.9570, 106.0162, -30.6573

Inverse Universe

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



102.9910, -2.9536, 14.0399



130.8780, -4.8699, 22.0320



113.3880, -8.5723, -3.8483



54.7940, -0.8844, 3.6887



37.0480, -15.7997, 74.5029



76.0040, -32.0470, 152.5945

Previews

White Background



This preview shows how the YUV color 99.2090, 9.7570, -2.8143 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 99.2090, 9.7570, -2.8143 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 99.2090, 9.7570, -2.8143

Background



This preview shows how black text looks on a background with the YUV color 99.2090, 9.7570, -2.8143.



This preview shows how white text looks on a background with the YUV color 99.2090, 9.7570,

-2.8143.

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

99.2090, 9.7570, -2.8143

Protanopia

99.1980, 9.7624, -4.5586

Deuteranopia

99.2200, 9.7515, -1.0699



Tritanopia

98.4170, 4.2314, -3.8737

Trichromacy



Original Color

99.2090, 9.7570, -2.8143

Protanomaly

99.4970, 9.6150, -3.9439

Deuteranomaly

98.9210, 9.8989, -1.6847

Tritanomaly

98.5850, 6.1206, -3.1440

Monochromacy



Original Color

99.2090, 9.7570, -2.8143

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9120, 3.4944, -0.7998

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.2090, 9.7570, -2.8143 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(96, 97, 119)` looks like.

```
.text, #text, p{  
    color:rgb(96, 97, 119)  
}
```

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(96, 97, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 97, 119) }
```

Border

The CSS property to change the border of an element to YUV 99.2090, 9.7570, -2.8143 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(96, 97, 119) }
```


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

```
.border{ border-color:rgb(96, 97, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 97, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 97, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 97, 119);  
box-shadow:4px 4px 4px 4px rgb(96, 97,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 99.2090, 9.7570, -2.8143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 97, 119) }
```

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

```
.background{ background-color: rgb(96, 97,  
119) }
```

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