

Converting Colors

YUV(122.0620, 9.3364, -7.9474)

Have a look what the booklet for
YUV(122.0620, 9.3364, -7.9474)
contains.

YUV(122.0620, 9.3364, -7.9474)	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(122.0620, 9.3364,
-7.9474)**

Conversions

Conversions Part 1

Format	Color
Hex	717B8D
RGB	113, 123, 141
RGB Percent	44%, 48%, 55%
CMY	0.5569, 0.5176, 0.4471
CMYK	0.20, 0.13, 0.00, 0.45
HSL	219°, 11%, 50%
HSV	219°, 20%, 55%
XYZ	18.7007, 19.5997, 27.9968
YIQ	122.0620, -11.7380, 3.4780

Conversions

Conversions Part 2

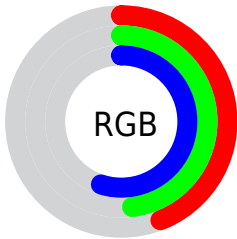
Format	Color
R_{YB}	113, 120, 141
Decimal	7437197
CIE Lab	51.38, 0.37, -11.00
CIE LCh	51, 11.009, 271.939
Yxy	19.5997, 0.2821, 0.2956
Android (android.graphics.Color)	4285627277 (0xFF717B8D)
YUV	122.0620, 9.3364, -7.9474
Hunter-Lab	44.2716, -2.0751, -6.5042

Details

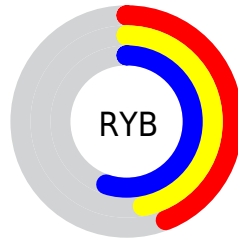
The YUV color $122.0620, 9.3364, -7.9474$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $131.9380, -9.3364, 7.9474$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $174.2900, 10.2100, -8.1473$, and $73.2470, 8.7522, -7.2326$ is the 20% darker color. If you saturate the color by 10%, you get $112.5930, 14.0047, -11.9211$, and if you desaturate by 10%, it is $131.5310, 4.6682, -3.9737$.

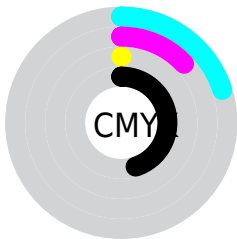
Distribution



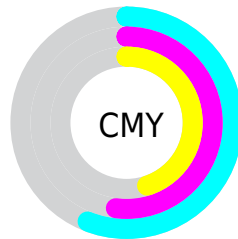
- Red (44%)
- Green (48%)
- Blue (55%)



- Red (44%)
- Yellow (47%)
- Blue (55%)



- Cyan (20%)
- Magenta (13%)
- Yellow (0%)
- Black (45%)



- Cyan (56%)
- Magenta (52%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.0620, 9.3364, -7.9474 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 122.0620, 9.3364, -7.9474 by changing the saturation by 10% instead.

■ 122.0620, 9.3364,
-7.9474

■ 122.0620, 9.3364,
-7.9474

■ 255.0000, 0.0000,
0.0000

■ 96.9480, 8.8996,
-7.8474

■ 174.2900, 10.2100,
-8.1473

■ 73.2470, 8.7522,
-7.2326

■ 201.9910, 10.3574,
-8.7621

■ 50.7200, 8.0260,
-7.6474

■ 229.9910, 10.3574,
-8.7621

■ 29.6060, 7.5892,
-7.5475

■ 253.2060, 0.8844,
-3.6887

■ 6.3720, 9.1836,
-5.5882

■ 0.0000, 0.0000,
0.0000

■ 122.0620, 9.3364,
-7.9474

■ 122.0620, 9.3364,
-7.9474

■ 112.5930, 14.0047,
-11.9211

■ 131.5310, 4.6682,
-3.9737

■ 103.1240, 18.6729,
-15.8947

■ 141.0000, 0.0000,
0.0000

■ 93.6550, 23.3411,
-19.8684

■ 150.4690, -4.6682,
3.9737

■ 84.1860, 28.0093,
-23.8421

■ 159.9380, -9.3364,
7.9474

■ 74.4180, 32.8249,
-28.4306

■ 169.7060,
-14.1521, 12.5358

■ 64.9490, 37.4931,
-32.4043

■ 179.1750,
-18.8203, 16.5095

■ 55.4800, 42.1614,
-36.3780

■ 188.6440,
-23.4885, 20.4832

■ 45.4240, 47.1190,

■ 198.7000,

-39.8368

-28.4461, 23.9421

■ 208.1690,
-33.1143, 27.9158

Harmonies

Analogous

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



120.6050, 9.0687, -15.4396



122.0620, 9.3364, -7.9474



123.5470, 7.1253, 1.2743

Triad

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



122.0620, 9.3364, -7.9474



124.0190, -5.4324, 15.7693



119.7230, -3.3144, -10.2811

Complementary

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



122.0620, 9.3364, -7.9474



131.9380, -9.3364, 7.9474

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.



121.0400, -7.4147, -1.7891



122.0620, 9.3364, -7.9474



123.1990, -8.4791, 12.9805

Square

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



122.0620, 9.3364, -7.9474



124.1590, -1.0644, 14.7696



122.0410, -8.8942, 6.1030



119.3570, 1.7960, -16.0991

Rectangle

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



122.0620, 9.3364, -7.9474



124.0100, 4.9251, 7.0072



122.0410, -8.8942, 6.1030



120.1040, -4.4883, -7.1072

Sweetspot

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



122.0620, 9.3364, -7.9474



176.6020, 3.6472, -3.1590



131.4880, -0.2406, -16.2140



87.5590, 2.1894, -2.2442



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



122.0620, 9.3364, -7.9474



153.8210, 14.8782, -12.1210



117.3880, 11.6407, -0.3403



66.5590, 2.1894, -2.2442



43.5660, 45.0770, -38.2074



2.6730, 2.6262, -2.3442

Inverse Universe

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



122.5120, 0.2406, 16.2140



154.8660, 0.0661, 25.5505



136.6120, -11.6407, 0.3403



66.4350, 0.2785, 4.0035



45.8370, 1.0664, 78.1960



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 122.0620, 9.3364, -7.9474 looks on a white 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

Black Background



This preview shows how the YUV color 122.0620, 9.3364, -7.9474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

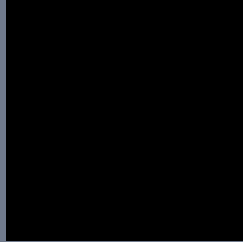
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.0620, 9.3364, -7.9474

Background



This preview shows how black text looks on a background with the YUV color 122.0620, 9.3364, -7.9474.



This preview shows how white text looks on a background with the YUV color 122.0620, 9.3364,

-7.9474.

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

122.0620, 9.3364, -7.9474

Protanopia

122.5680, 8.5940, -3.1291

Deuteranopia

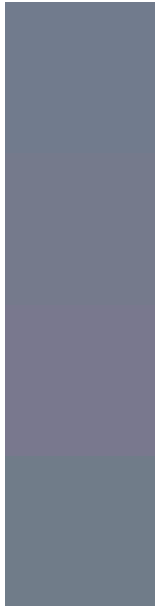
123.4160, 9.1619, 1.3892



Tritanopia

121.5520, 6.1369, -8.3771

Trichromacy



Original Color

122.0620, 9.3364, -7.9474

Protanomaly

122.5570, 8.5994, -4.8735

Deuteranomaly

122.8070, 9.4621, -1.5847

Tritanomaly

121.8940, 7.4473, -8.6770

Monochromacy



Original Color

122.0620, 9.3364, -7.9474

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9010, 3.4998, -2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.0620, 9.3364, -7.9474 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(113, 123, 141)` looks like.

```
.text, #text, p{  
    color:rgb(113, 123, 141)  
}
```

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(113, 123, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 123, 141) }
```

Border

The CSS property to change the border of an element to YUV 122.0620, 9.3364, -7.9474 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(113, 123, 141) }
```


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

```
.border{ border-color:rgb(113, 123, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 123, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 123, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 123, 141);  
box-shadow:4px 4px 4px 4px rgb(113, 123,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 122.0620, 9.3364, -7.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 123, 141) }
```

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

```
.background{ background-color: rgb(113,  
123, 141) }
```

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