

Converting Colors

YUV(114.1760, 9.7732, -8.0474)

Have a look what the booklet for
YUV(114.1760, 9.7732, -8.0474)
contains.

YUV(114.1760, 9.7732, -8.0474)	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(114.1760, 9.7732,
-8.0474)**

Conversions

Conversions Part 1

Format	Color
Hex	697386
RGB	105, 115, 134
RGB Percent	41%, 45%, 53%
CMY	0.5882, 0.5490, 0.4745
CMYK	0.22, 0.14, 0.00, 0.47
HSL	219°, 12%, 47%
HSV	219°, 22%, 53%
XYZ	16.2595, 16.9860, 24.9759
YIQ	114.1760, -12.0590, 3.7890

Conversions

Conversions Part 2

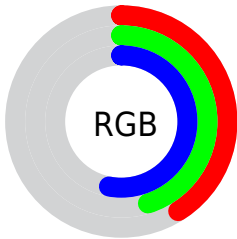
Format	Color
R_{YB}	105, 112, 134
Decimal	6910854
CIE Lab	48.24, 0.66, -11.67
CIE LCh	48, 11.685, 273.214
Yxy	16.9860, 0.2793, 0.2917
Android (android.graphics.Color)	4285100934 (0xFF697386)
YUV	114.1760, 9.7732, -8.0474
Hunter-Lab	41.2140, -1.7038, -7.0802

Details

The YUV color **114.1760, 9.7732, -8.0474** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **124.8240, -9.7732, 8.0474**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2900, 10.2100, -8.1473**, and **65.9480, 8.8996, -7.8474** is the 20% darker color. If you saturate the color by 10%, you get **105.0060, 14.2940, -11.4063**, and if you desaturate by 10%, it is **123.3460, 5.2524, -4.6884**.

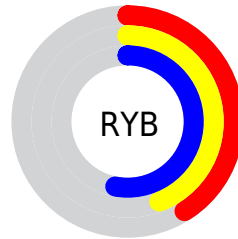
Distribution



Red (41%)

Green (45%)

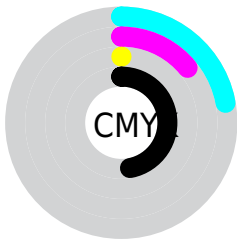
Blue (53%)



Red (41%)

Yellow (44%)

Blue (53%)

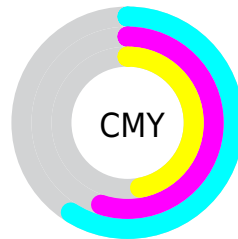


Cyan (22%)

Magenta (14%)

Yellow (0%)

Black (47%)



Cyan (59%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1760, 9.7732, -8.0474 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 114.1760, 9.7732, -8.0474 by changing the saturation by 10% instead.

■ 114.1760, 9.7732,
-8.0474

■ 114.1760, 9.7732,
-8.0474

■ 255.0000, 0.0000,
0.0000

■ 89.4750, 9.6258,
-7.4326

■ 166.2900, 10.2100,
-8.1473

■ 65.9480, 8.8996,
-7.8474

■ 193.4040, 10.6468,
-8.2473

■ 43.8340, 8.4628,
-7.7474

■ 221.1050, 10.7942,
-8.8621

■ 22.7200, 8.0260,
-7.6474

■ 247.5800, 3.6581,
-6.6477

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 114.1760, 9.7732,
-8.0474

■ 114.1760, 9.7732,
-8.0474

■ 105.0060, 14.2940,
-11.4063

■ 123.3460, 5.2524,
-4.6884

■ 95.5370, 18.9623,
-15.3799

■ 132.8150, 0.5842,
-0.7148

■ 86.9540, 23.1937,
-19.2537

■ 141.3980, -3.6472,
3.1590

■ 77.4850, 27.8619,
-23.2273

■ 150.8670, -8.3154,
7.1326

■ 68.3150, 32.3827,
-26.5863

■ 160.0370,
-12.8362, 10.4916

■ 59.1450, 36.9035,
-29.9452

■ 169.2070,
-17.3571, 13.8505

■ 50.2630, 41.2823,
-34.4337

■ 178.0890,
-21.7359, 18.3389

■ 42.2780, 45.2189,

■ 187.2590,

-37.0778

-26.2567, 21.6979

■ 196.7280,
-30.9249, 25.6715

Harmonies

Analogous

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



112.4200, 9.6529, -16.1543



114.1760, 9.7732, -8.0474



115.9600, 7.4147, 1.7891

Triad

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



114.1760, 9.7732, -8.0474



116.2040, -6.0166, 16.4841



111.4240, -3.1670, -10.8958

Complementary

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



114.1760, 9.7732, -8.0474



124.8240, -9.7732, 8.0474

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.



112.7410, -7.2673, -2.4039



114.1760, 9.7732, -8.0474



115.0850, -8.9159, 13.0805

Square

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



114.1760, 9.7732, -8.0474



116.7570, -1.3592, 15.9991



113.9270, -9.3310, 6.2030



110.7590, 2.0908, -17.3286

Rectangle

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



114.1760, 9.7732, -8.0474



116.3090, 4.7777, 7.6220



113.9270, -9.3310, 6.2030



112.2780, -5.0671, -8.1368

Sweetspot

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



114.1760, 9.7732, -8.0474



166.4880, 3.2104, -3.0590



124.1890, -0.0932, -16.8288



82.8580, 2.0420, -1.6295



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



114.1760, 9.7732, -8.0474



142.5220, 15.0257, -12.7358



109.5020, 12.0775, -0.4403



61.8580, 2.0420, -1.6295



41.2350, 43.7611, -36.1631



0.9290, 1.0210, -0.8147

Inverse Universe

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



114.8110, 0.0932, 16.8288



143.2790, 0.3555, 26.0653



129.4980, -12.0775, 0.4403



62.0220, -0.0108, 3.4887



44.0000, 0.4930, 75.4220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 114.1760, 9.7732, -8.0474 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 114.1760, 9.7732, -8.0474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

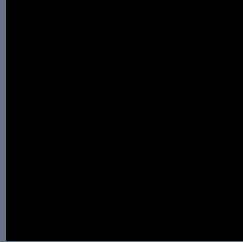
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

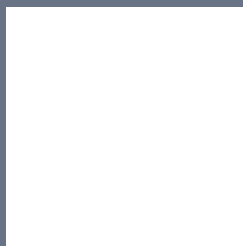
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 114.1760, 9.7732, -8.0474

Background



This preview shows how black text looks on a background with the YUV color 114.1760, 9.7732, -8.0474.



This preview shows how white text looks on a background with the YUV color 114.1760, 9.7732,

-8.0474.

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

114.1760, 9.7732, -8.0474

Protanopia

114.6820, 9.0308, -3.2291

Deuteranopia

115.8180, 9.4567, 0.1596



Tritanopia

113.2530, 6.2843, -8.9919

Trichromacy



Original Color

114.1760, 9.7732, -8.0474

Protanomaly

114.6710, 9.0362, -4.9735

Deuteranomaly

115.2090, 9.7570, -2.8143

Tritanomaly

113.8940, 7.4473, -8.6770

Monochromacy



Original Color

114.1760, 9.7732, -8.0474

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9010, 3.4998, -2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1760, 9.7732, -8.0474 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(105, 115, 134)` looks like.

```
.text, #text, p{  
    color:rgb(105, 115, 134)  
}
```

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(105, 115, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 115, 134) }
```

Border

The CSS property to change the border of an element to YUV 114.1760, 9.7732, -8.0474 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(105, 115, 134) }
```


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

```
.border{ border-color:rgb(105, 115, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 115, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 115, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 115, 134);  
box-shadow:4px 4px 4px 4px rgb(105, 115,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 114.1760, 9.7732, -8.0474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 115, 134) }
```

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

```
.background{ background-color: rgb(105,  
115, 134) }
```

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