

Converting Colors

YUV(114.3840, 4.2477, -9.1068)

Have a look what the booklet for
YUV(114.3840, 4.2477, -9.1068)
contains.

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Color

**YUV(114.3840, 4.2477,
-9.1068)**

Conversions

Conversions Part 1

Format	Color
Hex	68767B
RGB	104, 118, 123
RGB Percent	41%, 46%, 48%
CMY	0.5922, 0.5373, 0.5176
CMYK	0.15, 0.04, 0.00, 0.52
HSL	196°, 8%, 45%
HSV	196°, 15%, 48%
XYZ	15.7625, 17.3300, 21.2531
YIQ	114.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

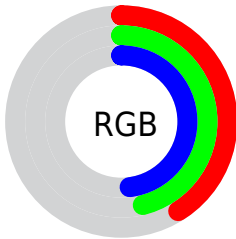
Format	Color
RYB	104, 112, 123
Decimal	6846075
CIELab	48.67, -4.06, -4.51
CIELCh	49, 6.068, 228.015
Yxy	17.3300, 0.2900, 0.3189
Android (android.graphics.Color)	4285036155 (0xFF68767B)
YUV	114.3840, 4.2477, -9.1068
Hunter-Lab	41.6293, -5.2641, -1.1290

Details

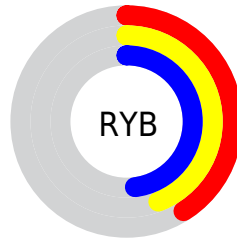
The YUV color **114.3840, 4.2477, -9.1068** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.6160, -4.2477, 9.1068**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0850, 4.3951, -9.7215**, and **66.5690, 3.6635, -8.3920** is the 20% darker color. If you saturate the color by 10%, you get **109.0350, 6.8847, -14.9397**, and if you desaturate by 10%, it is **119.7330, 1.6106, -3.2738**.

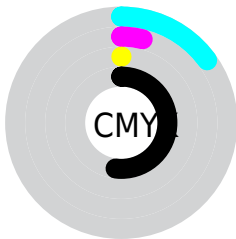
Distribution



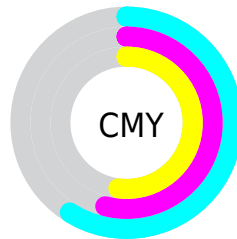
- Red (41%)
- Green (46%)
- Blue (48%)



- Red (41%)
- Yellow (44%)
- Blue (48%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (52%)



- Cyan (59%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.3840, 4.2477, -9.1068 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 114.3840, 4.2477, -9.1068 by changing the saturation by 10% instead.

■ 114.3840, 4.2477,
-9.1068

■ 114.3840, 4.2477,
-9.1068

■ 255.0000, 0.0000,
0.0000

■ 89.6830, 4.1003,
-8.4920

■ 166.0850, 4.3951,
-9.7215

■ 66.5690, 3.6635,
-8.3920

■ 193.1990, 4.8319,
-9.8215

■ 43.9820, 3.9529,
-7.8772

■ 221.1990, 4.8319,
-9.8215

■ 23.5690, 3.6635,
-8.3920

■ 249.3300, 2.7953,
-9.9364

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 114.3840, 4.2477,
-9.1068

■ 114.3840, 4.2477,
-9.1068

■ 109.0350, 6.8847,
-14.9397

■ 119.7330, 1.6106,
-3.2738

■ 103.3870, 9.6692,
-21.3874

■ 125.3810, -1.1738,
3.1739

■ 97.4510, 12.5957,
-26.7055

■ 131.3170, -4.1003,
8.4920

■ 92.1020, 15.2327,
-32.5385

■ 136.6660, -6.7373,
14.3249

■ 86.4540, 18.0172,
-38.9862

■ 142.3140, -9.5218,
20.7726

■ 81.1050, 20.6542,
-44.8191

■ 147.6630,
-12.1589, 26.6055

■ 75.1690, 23.5807,
-50.1372

■ 153.5990,
-15.0853, 31.9237

■ 69.8200, 26.2177,

■ 158.9480,

-55.9701

-17.7224, 37.7566

■ 67.4390, 27.3916,
-59.1440

■ 164.5960,
-20.5068, 44.2043

Harmonies

Analogous

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



114.2160, 2.3585, -9.8364



114.3840, 4.2477, -9.1068



115.2210, 4.8210, -6.3328

Triad

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



114.3840, 4.2477, -9.1068



116.5710, 0.7045, 7.3922



115.1590, -4.5154, 1.6146

Complementary

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



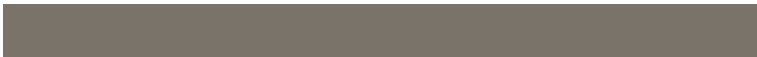
114.3840, 4.2477, -9.1068



112.6160, -4.2477, 9.1068

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.



116.0670, -4.9630, 5.2032



114.3840, 4.2477, -9.1068



116.5990, -1.7743, 9.1217

Square

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



114.3840, 4.2477, -9.1068



116.1190, 2.8993, 3.4036



116.3170, -4.1003, 8.4920



114.8810, -2.8993, -3.4036

Rectangle

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



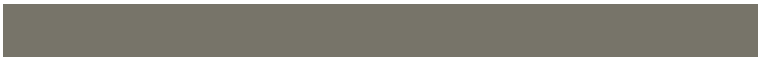
114.3840, 4.2477, -9.1068



115.9440, 4.9576, -3.4589



116.3170, -4.1003, 8.4920



115.6430, -5.2470, 2.9441

Sweetspot

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



114.3840, 4.2477, -9.1068



157.4340, 1.7580, -3.8886



115.7230, -3.3144, -10.2811



79.3310, 1.3158, -2.0443



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



114.3840, 4.2477, -9.1068



147.0350, 6.8847, -14.9397



109.1010, 6.8522, -4.4736



58.6190, 1.1738, -3.1739



68.2540, 27.9758, -59.8588



137.9100, 56.2464, -120.9471

Inverse Universe

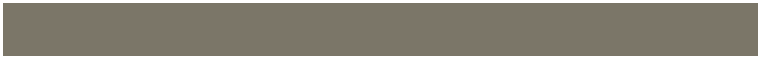
The Inverse Universe completely reimagines the original color for something new.



111.2770, 3.3144, 10.2811



141.8910, 5.4767, 16.7586



117.8990, -6.8522, 4.4736



57.3640, 1.2995, 3.1888



47.8630, 21.7595, 67.6491



96.5520, 44.0979, 136.3279

Previews

White Background



This preview shows how the YUV color 114.3840, 4.2477, -9.1068 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 114.3840, 4.2477, -9.1068 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

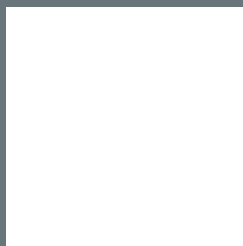
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 114.3840, 4.2477, -9.1068

Background



This preview shows how black text looks on a background with the YUV color 114.3840, 4.2477, -9.1068.



This preview shows how white text looks on a background with the YUV color 114.3840, 4.2477, -9.1068.

-9.1068.

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

114.3840, 4.2477, -9.1068

Protanopia

115.9830, 2.4734, 0.0149

Deuteranopia

116.6570, 3.6201, 5.5628



Tritanopia

114.5520, 6.1369, -8.3771

Trichromacy



Original Color

114.3840, 4.2477, -9.1068

Protanomaly

115.4880, 3.2104, -3.0590

Deuteranomaly

115.7380, 4.0732, 0.2298

Tritanomaly

114.4380, 5.7001, -8.2771

Monochromacy



Original Color

114.3840, 4.2477, -9.1068

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7330, 1.6106, -3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.3840, 4.2477, -9.1068 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(104, 118, 123)` looks like.

```
.text, #text, p{  
    color:rgb(104, 118, 123)  
}
```

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(104, 118, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 118, 123) }
```

Border

The CSS property to change the border of an element to YUV 114.3840, 4.2477, -9.1068 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(104, 118, 123) }
```


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

```
.border{ border-color:rgb(104, 118, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 118, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 118, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 118, 123);  
box-shadow:4px 4px 4px 4px rgb(104, 118,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 114.3840, 4.2477, -9.1068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 118, 123) }
```

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

```
.background{ background-color: rgb(104,  
118, 123) }
```

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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