

Converting Colors

YUV(114.6920, 10.5048,
-9.3769)

Have a look what the booklet for
YUV(114.6920, 10.5048, -9.3769)
contains.

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Color

**YUV(114.6920, 10.5048,
-9.3769)**

Conversions

Conversions Part 1

Format	Color
Hex	687488
RGB	104, 116, 136
RGB Percent	41%, 45%, 53%
CMY	0.5922, 0.5451, 0.4667
CMYK	0.24, 0.15, 0.00, 0.47
HSL	218°, 13%, 47%
HSV	218°, 24%, 53%
XYZ	16.3982, 17.2114, 25.7504
YIQ	114.6920, -13.5720, 3.6760

Conversions

Conversions Part 2

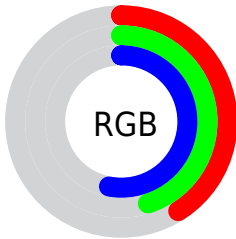
Format	Color
RYB	104, 113, 136
Decimal	6845576
CIELab	48.53, 0.22, -12.43
CIELCh	49, 12.433, 271.026
Yxy	17.2114, 0.2763, 0.2899
Android (android.graphics.Color)	4285035656 (0xFF687488)
YUV	114.6920, 10.5048, -9.3769
Hunter-Lab	41.4866, -2.0467, -7.7602

Details

The YUV color **114.6920, 10.5048, -9.3769** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **125.3080, -10.5048, 9.3769**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8060, 10.9416, -9.4769**, and **66.4640, 9.6312, -9.1769** is the 20% darker color. If you saturate the color by 10%, you get **105.8100, 14.8837, -13.8654**, and if you desaturate by 10%, it is **124.1610, 5.8366, -5.4032**.

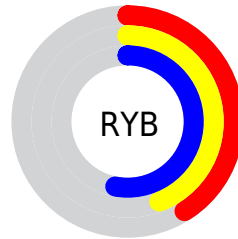
Distribution



Red (41%)

Green (45%)

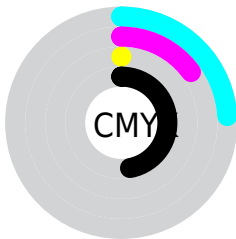
Blue (53%)



Red (41%)

Yellow (44%)

Blue (53%)

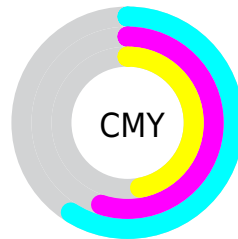


Cyan (24%)

Magenta (15%)

Yellow (0%)

Black (47%)



Cyan (59%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.6920, 10.5048, -9.3769 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 114.6920, 10.5048, -9.3769 by changing the saturation by 10% instead.

■ 114.6920, 10.5048,
-9.3769

■ 114.6920, 10.5048,
-9.3769

■ 255.0000, 0.0000,
0.0000

■ 89.9910, 10.3574,
-8.7621

■ 166.8060, 10.9416,
-9.4769

■ 66.4640, 9.6312,
-9.1769

■ 193.9200, 11.3784,
-9.5768

■ 44.3500, 9.1944,
-9.0770

■ 221.7350, 11.9626,
-10.2916

■ 22.9370, 8.9051,
-9.5917

■ 248.4550, 3.2267,
-8.2920

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 114.6920, 10.5048,
-9.3769

■ 114.6920, 10.5048,
-9.3769

■ 105.8100, 14.8837,
-13.8654

■ 124.1610, 5.8366,
-5.4032

■ 96.6400, 19.4045,
-17.2243

■ 132.7440, 1.6052,
-1.5295

■ 87.7580, 23.7833,
-21.7128

■ 142.2130, -3.0630,
2.4442

■ 78.5880, 28.3041,
-25.0717

■ 150.7960, -7.2944,
6.3179

■ 69.7060, 32.6829,
-29.5602

■ 160.2650,
-11.9626, 10.2916

■ 60.2370, 37.3512,
-33.5338

■ 169.1470,
-16.3415, 14.7801

■ 51.6540, 41.5826,
-37.4076

■ 178.3170,
-20.8623, 18.1390

■ 45.4410, 44.6456,

■ 187.1990,

-39.8518

-25.2411, 22.6275

 196.3690,
-29.7619, 25.9864

Harmonies

Analogous

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



112.8220, 9.9478, -17.3839



114.6920, 10.5048, -9.3769



116.1880, 8.2883, 1.5891

Triad

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



114.6920, 10.5048, -9.3769



116.9160, -5.8746, 17.6137



112.3100, -3.6038, -10.7959

Complementary

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



114.6920, 10.5048, -9.3769



125.3080, -10.5048, 9.3769

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.



113.8120, -8.2883, -1.5891



114.6920, 10.5048, -9.3769



115.6830, -9.2107, 14.3100

Square

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



114.6920, 10.5048, -9.3769



117.1700, -1.0698, 16.5139



114.9980, -10.3520, 7.0178



111.3460, 1.8014, -17.8434

Rectangle

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



114.6920, 10.5048, -9.3769



116.9500, 5.9406, 7.9368



114.9980, -10.3520, 7.0178



113.1640, -5.5039, -8.0368

Sweetspot

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



114.6920, 10.5048, -9.3769



167.7160, 4.0840, -3.2589



125.0640, -0.5246, -18.4731



84.5590, 2.1894, -2.2442



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



114.6920, 10.5048, -9.3769



143.1520, 16.1941, -14.1653



108.8440, 13.3879, -0.7402



64.5590, 2.1894, -2.2442



44.5120, 43.6246, -39.0370



1.7440, 1.6052, -1.5295

Inverse Universe

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



114.9360, 0.5246, 18.4731



143.7030, 0.6394, 28.3245



131.1560, -13.3879, 0.7402



64.4350, 0.2785, 4.0035



45.4670, 2.2348, 76.7664



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 114.6920, 10.5048, -9.3769 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 114.6920, 10.5048, -9.3769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

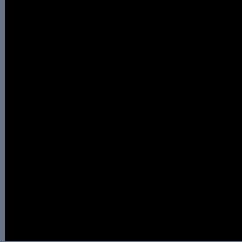
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

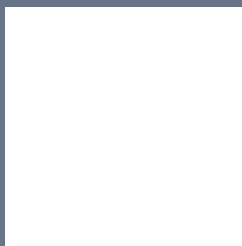
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 114.6920, 10.5048, -9.3769

Background



This preview shows how black text looks on a background with the YUV color 114.6920, 10.5048, -9.3769.



This preview shows how white text looks on a background with the YUV color 114.6920, 10.5048, -9.3769.

-9.3769.

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

114.6920, 10.5048, -9.3769

Protanopia

115.4970, 9.6150, -3.9439

Deuteranopia

116.0460, 10.3303, -0.0403



Tritanopia

114.2420, 6.2897, -10.7362

Trichromacy



Original Color

114.6920, 10.5048, -9.3769

Protanomaly

115.1870, 9.7678, -6.3030

Deuteranomaly

115.4370, 10.6306, -3.0142

Tritanomaly

114.2960, 7.7421, -9.9066

Monochromacy



Original Color

114.6920, 10.5048, -9.3769

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.7160, 4.0840, -3.2589

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.6920, 10.5048, -9.3769 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, 116, 136)` looks like.

```
.text, #text, p{  
    color:rgb(104, 116, 136)  
}
```

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, 116, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 116, 136) }
```

Border

The CSS property to change the border of an element to YUV 114.6920, 10.5048, -9.3769 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, 116, 136) }
```


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

```
.border{ border-color:rgb(104, 116, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 116, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 116, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 116, 136);  
box-shadow:4px 4px 4px 4px rgb(104, 116,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 114.6920, 10.5048, -9.3769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 116, 136) }
```

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

```
.background{ background-color: rgb(104,  
116, 136) }
```

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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