

Converting Colors

YUV(114.0700, -2.9925,
-20.2324)

Have a look what the booklet for
YUV(114.0700, -2.9925, -20.2324)
contains.

YUV(114.0700, -2.9925, -20.2324)	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(114.0700, -2.9925,
-20.2324)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7F6C
RGB	91, 127, 108
RGB Percent	36%, 50%, 42%
CMY	0.6431, 0.5020, 0.5765
CMYK	0.28, 0.00, 0.15, 0.50
HSL	148°, 17%, 43%
HSV	148°, 28%, 50%
XYZ	14.6105, 18.4856, 16.9854
YIQ	114.0700, -15.3570, -13.5410

Conversions

Conversions Part 2

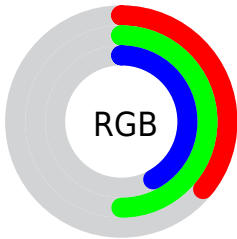
Format	Color
R_{YB}	91, 115, 127
Decimal	5996396
CIE _{Lab}	50.08, -16.98, 6.27
CIE _{LCh}	50, 18.104, 159.746
Yxy	18.4856, 0.2917, 0.3691
Android (android.graphics.Color)	4284186476 (0xFF5B7F6C)
YUV	114.0700, -2.9925, -20.2324
Hunter-Lab	42.9949, -14.5831, 6.6736

Details

The YUV color **114.0700, -2.9925, -20.2324** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **103.9300, 2.9925, 20.2324**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2440, -3.5713, -21.2620**, and **65.8960, -2.4137, -19.2028** is the 20% darker color. If you saturate the color by 10%, you get **109.3850, -4.1338, -27.5246**, and if you desaturate by 10%, it is **118.7550, -1.8512, -12.9401**.

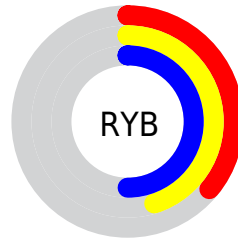
Distribution



Red (36%)

Green (50%)

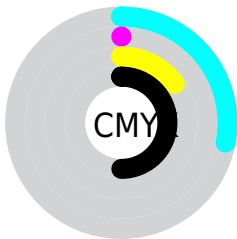
Blue (42%)



Red (36%)

Yellow (45%)

Blue (50%)

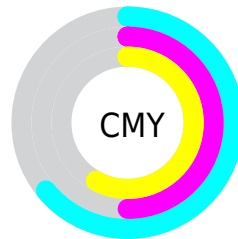


Cyan (28%)

Magenta (0%)

Yellow (15%)

Black (50%)



Cyan (64%)

Magenta (50%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.0700, -2.9925, -20.2324 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 114.0700, -2.9925, -20.2324 by changing the saturation by 10% instead.

■ 114.0700, -2.9925,
-20.2324

■ 114.0700, -2.9925,
-20.2324

■ 255.0000, 0.0000,
0.0000

■ 89.4830, -2.7031,
-19.7176

■ 166.2440, -3.5713,
-21.2620

■ 65.8960, -2.4137,
-19.2028

■ 193.2440, -3.5713,
-21.2620

■ 43.0100, -1.9769,
-19.3028

■ 221.5320, -3.7133,
-22.3916

■ 21.4230, -1.6875,
-18.7880

■ 244.2490, -1.1088,
-17.7584

■ 0.5870, -0.2894,
-0.5148

■ 254.4020, 0.2948,
-1.2296

■ 0.0000, 0.0000,
0.0000

■ 114.0700, -2.9925,
-20.2324

■ 114.0700, -2.9925,
-20.2324

■ 109.3850, -4.1338,
-27.5246

■ 118.7550, -1.8512,
-12.9401

■ 105.1130, -4.9857,
-34.3021

■ 123.0270, -0.9993,
-6.1627

■ 100.4280, -6.1270,
-41.5944

■ 127.7120, 0.1420,
1.1296

■ 95.7430, -7.2683,
-48.8866

■ 132.3970, 1.2833,
8.4218

■ 91.0580, -8.4096,
-56.1789

■ 137.0820, 2.4246,
15.7141

■ 86.7860, -9.2615,
-62.9563

■ 141.3540, 3.2765,
22.4915

■ 82.1010, -10.4028,
-70.2486

■ 146.0390, 4.4178,
29.7838

■ 81.3890, -10.5448,

■ 150.7240, 5.5591,

-71.3782

37.0761

■ 154.9960, 6.4110,
43.8535

Harmonies

Analogous

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



115.9100, -10.3086, -6.9371



114.0700, -2.9925, -20.2324



112.5940, 5.6232, -30.3389

Triad

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



114.0700, -2.9925, -20.2324



119.1310, 14.7254, -9.7619



120.5210, -10.1169, 24.9761

Complementary

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



114.0700, -2.9925, -20.2324



103.9300, 2.9925, 20.2324

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.



121.3560, -3.1335, 25.1208



114.0700, -2.9925, -20.2324



121.4920, 10.6034, 5.7075

Square

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



114.0700, -2.9925, -20.2324



115.6730, 15.9372, -25.1462



121.5600, 4.1609, 18.8029



119.7390, -14.1683, 17.7689

Rectangle

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



114.0700, -2.9925, -20.2324



112.2500, 10.7228, -32.6682



121.5600, 4.1609, 18.8029



120.8030, -7.7909, 25.6058

Sweetspot

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



114.0700, -2.9925, -20.2324



160.6030, -1.2833, -8.4218



117.8130, -13.2188, -6.8520



80.7390, -0.8573, -5.0331



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



114.0700, -2.9925, -20.2324



145.5370, -4.7017, -32.0429



116.1220, 4.8699, -22.0320



61.4510, -0.7153, -3.9035



81.9760, -10.8342, -71.8930



0.0000, 0.0000, 0.0000

Inverse Universe

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



103.9300, 2.9925, 20.2324



129.4630, 4.7017, 32.0429



101.8780, -4.8699, 22.0320



59.5490, 0.7153, 3.9035



45.9100, 10.3974, 71.9929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 114.0700, -2.9925, -20.2324 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 114.0700, -2.9925, -20.2324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

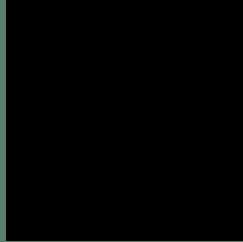
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.0700, -2.9925, -20.2324

Background



This preview shows how black text looks on a background with the YUV color 114.0700, -2.9925, -20.2324.



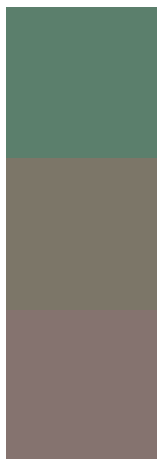
This preview shows how white text looks on a background with the YUV color 114.0700, -2.9925, -20.2324.

-20.2324.

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

114.0700, -2.9925, -20.2324

Protanopia

118.1980, -6.9996, 5.0884

Deuteranopia

119.9260, -4.4005, 11.4659



Tritanopia

116.0670, 8.3480, -17.5988

Trichromacy



Original Color

114.0700, -2.9925, -20.2324

Protanomaly

116.4850, -5.6621, -3.9333

Deuteranomaly

117.6750, -3.7838, 0.2850

Tritanomaly

115.0300, 4.4222, -18.4433

Monochromacy



Original Color

114.0700, -2.9925, -20.2324

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.3150, -1.1413, -7.2923

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.0700, -2.9925, -20.2324 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(91, 127, 108)` looks like.

```
.text, #text, p{  
    color:rgb(91, 127, 108)  
}
```

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(91, 127, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 127, 108) }
```

Border

The CSS property to change the border of an element to YUV 114.0700, -2.9925, -20.2324 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(91, 127, 108) }
```


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

```
.border{ border-color:rgb(91, 127, 108) }
```

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

Here you see how a box with a 4 pixel rgb(91, 127, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 127, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 127, 108);  
box-shadow:4px 4px 4px 4px rgb(91, 127,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 114.0700, -2.9925, -20.2324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 127, 108) }
```

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

```
.background{ background-color: rgb(91, 127,  
108) }
```

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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