

Converting Colors

YUV(113.9400, 14.3266,
-21.8724)

Have a look what the booklet for
YUV(113.9400, 14.3266, -21.8724)
contains.

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Color

**YUV(113.9400, 14.3266,
-21.8724)**

Conversions

Conversions Part 1

Format	Color
Hex	59798F
RGB	89, 121, 143
RGB Percent	35%, 47%, 56%
CMY	0.6510, 0.5255, 0.4392
CMYK	0.38, 0.15, 0.00, 0.44
HSL	204°, 23%, 45%
HSV	204°, 38%, 56%
XYZ	15.9151, 17.7818, 28.5800
YIQ	113.9400, -26.1340, 0.0580

Conversions

Conversions Part 2

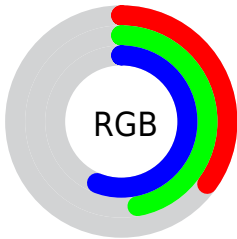
Format	Color
R_{YB}	89, 109, 143
Decimal	5863823
CIE _{Lab}	49.23, -5.58, -15.59
CIE _{LCh}	49, 16.557, 250.315
Yxy	17.7818, 0.2556, 0.2855
Android (android.graphics.Color)	4284053903 (0xFF59798F)
YUV	113.9400, 14.3266, -21.8724
Hunter-Lab	42.1684, -6.4256, -10.6664

Details

The YUV color **113.9400, 14.3266, -21.8724** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **118.0600, -14.3266, 21.8724**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1680, 15.2002, -22.0723**, and **65.1140, 13.7478, -22.9020** is the 20% darker color. If you saturate the color by 10%, you get **106.2320, 18.1266, -27.3905**, and if you desaturate by 10%, it is **121.6480, 10.5265, -16.3543**.

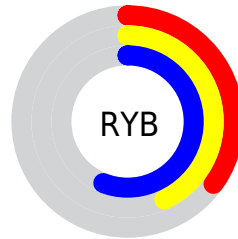
Distribution



Red (35%)

Green (47%)

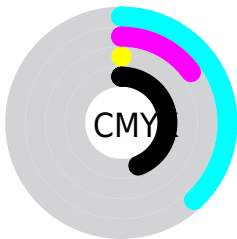
Blue (56%)



Red (35%)

Yellow (43%)

Blue (56%)

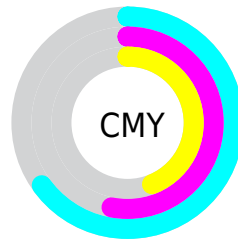


Cyan (38%)

Magenta (15%)

Yellow (0%)

Black (44%)



Cyan (65%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.9400, 14.3266, -21.8724 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 113.9400, 14.3266, -21.8724 by changing the saturation by 10% instead.

■ 113.9400, 14.3266,
-21.8724

■ 113.9400, 14.3266,
-21.8724

■ 255.0000, 0.0000,
0.0000

■ 88.8260, 13.8898,
-21.7724

■ 166.1680, 15.2002,
-22.0723

■ 65.1140, 13.7478,
-22.9020

■ 193.8690, 15.3476,
-22.6871

■ 41.1030, 13.7532,
-24.6463

■ 221.8690, 15.3476,
-22.6871

■ 22.3810, 12.1372,
-19.6281

■ 245.7310, 4.5696,
-19.0581

■ 3.5510, 11.0674,
-3.1142

■ 254.4020, 0.2948,
-1.2296

■ 0.0000, 0.0000,
0.0000

■ 113.9400, 14.3266,
-21.8724

■ 113.9400, 14.3266,
-21.8724

■ 106.2320, 18.1266,
-27.3905

■ 121.6480, 10.5265,
-16.3543

■ 98.2250, 22.0741,
-33.5233

■ 129.6550, 6.5791,
-10.2214

■ 91.1040, 25.5847,
-39.5562

■ 136.7760, 3.0684,
-4.1886

■ 83.3960, 29.3848,
-45.0743

■ 144.4840, -0.7316,
1.3295

■ 75.6880, 33.1848,
-50.5924

■ 152.4910, -4.6791,
7.4624

■ 67.6810, 37.1323,
-56.7252


■ 160.1990, -8.4791,
12.9805

■ 66.1970, 37.8639,
-58.0548

■ 167.9070,
-12.2792, 18.4986

■ 175.6150,

-16.0792, 24.0166

 183.0350,
-19.7373, 30.6643

Harmonies

Analogous

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



111.5000, 11.5855, -29.3795



113.9400, 14.3266, -21.8724



117.0880, 13.2676, -8.8472

Triad

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



113.9400, 14.3266, -21.8724



119.3450, -3.1281, 23.3764



114.4370, -9.5824, -6.5222

Complementary

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



113.9400, 14.3266, -21.8724



118.0600, -14.3266, 21.8724

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.



116.1890, -13.4042, 5.9732



113.9400, 14.3266, -21.8724



118.3250, -9.5272, 22.5170

Square

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



113.9400, 14.3266, -21.8724



119.4350, 3.7295, 17.1585



117.3690, -12.9999, 16.3394



112.1950, -2.5611, -18.5880

Rectangle

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



113.9400, 14.3266, -21.8724



118.2850, 11.1985, 1.5041



117.3690, -12.9999, 16.3394



114.5300, -10.6143, -2.2188

Sweetspot

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



113.9400, 14.3266, -21.8724



175.3240, 5.2633, -8.1771



123.2060, -6.0176, -29.9987



87.4770, 3.2158, -4.8033



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



113.9400, 14.3266, -21.8724



140.9260, 22.2215, -34.1381



98.0910, 22.1401, -7.9728



67.1460, 1.9000, -2.7590



62.3500, 35.8165, -54.6809



3.8470, 2.0474, -3.3738

Inverse Universe

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



108.7940, 6.0176, 29.9987



132.8160, 9.4577, 46.6424



133.9090, -22.1401, 7.9728



66.5490, 0.7153, 3.9035



49.4850, 15.0439, 74.9967



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 113.9400, 14.3266, -21.8724 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 113.9400, 14.3266, -21.8724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

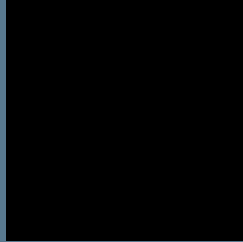
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

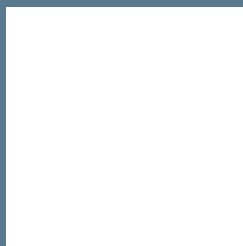
Any Text WCAG AAA × Fail

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

YUV 113.9400, 14.3266, -21.8724 Background



This preview shows how black text looks on a background with the YUV color 113.9400, 14.3266, -21.8724.



This preview shows how white text looks on a background with the YUV color 113.9400, 14.3266, -21.8724.

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

113.9400, 14.3266, -21.8724

Protanopia

117.4260, 10.6360, -4.7586

Deuteranopia

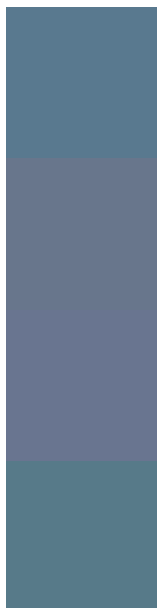
117.4200, 13.1039, -2.9993



Tritanopia

113.0770, 9.8220, -23.7465

Trichromacy



Original Color

113.9400, 14.3266, -21.8724

Protanomaly

116.3220, 11.6733, -10.8064

Deuteranomaly

116.4900, 13.5624, -10.0767

Tritanomaly

113.2450, 11.7112, -23.0169

Monochromacy



Original Color

113.9400, 14.3266, -21.8724

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.3240, 5.2633, -8.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.9400, 14.3266, -21.8724 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(89, 121, 143)` looks like.

```
.text, #text, p{  
    color:rgb(89, 121, 143)  
}
```

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(89, 121, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 121, 143) }
```

Border

The CSS property to change the border of an element to YUV 113.9400, 14.3266, -21.8724 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(89, 121, 143) }
```


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

```
.border{ border-color:rgb(89, 121, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 121, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 121, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 121, 143);  
box-shadow:4px 4px 4px 4px rgb(89, 121,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 113.9400, 14.3266, -21.8724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 121, 143) }
```

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

```
.background{ background-color: rgb(89, 121,  
143) }
```

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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