

Converting Colors

YUV(114.6950, 15.9264,
-21.6575)

Have a look what the booklet for
YUV(114.6950, 15.9264, -21.6575)
contains.

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Color

**YUV(114.6950, 15.9264,
-21.6575)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7993
RGB	90, 121, 147
RGB Percent	35%, 47%, 58%
CMY	0.6471, 0.5255, 0.4235
CMYK	0.39, 0.18, 0.00, 0.42
HSL	207°, 24%, 46%
HSV	207°, 39%, 58%
XYZ	16.3203, 17.9550, 30.2093
YIQ	114.6950, -26.8220, 1.5140

Conversions

Conversions Part 2

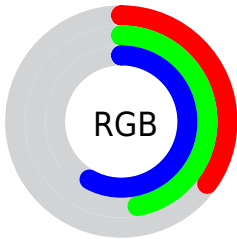
Format	Color
R_{YB}	90, 110, 147
Decimal	5929363
CIE _{Lab}	49.44, -4.17, -17.61
CIE _{LCh}	49, 18.100, 256.686
Yxy	17.9550, 0.2531, 0.2784
Android (android.graphics.Color)	4284119443 (0xFF5A7993)
YUV	114.6950, 15.9264, -21.6575
Hunter-Lab	42.3733, -5.4032, -12.6083

Details

The YUV color **114.6950, 15.9264, -21.6575** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **122.3050, -15.9264, 21.6575**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9230, 16.8000, -21.8575**, and **65.7550, 14.9108, -22.5871** is the 20% darker color. If you saturate the color by 10%, you get **106.1010, 20.1632, -27.2756**, and if you desaturate by 10%, it is **123.2890, 11.6895, -16.0395**.

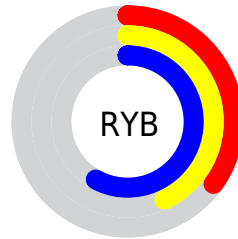
Distribution



Red (35%)

Green (47%)

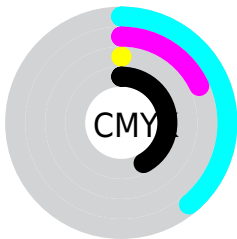
Blue (58%)



Red (35%)

Yellow (43%)

Blue (58%)

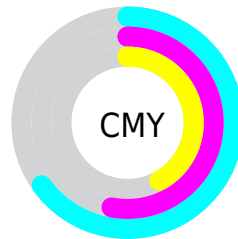


Cyan (39%)

Magenta (18%)

Yellow (0%)

Black (42%)



Cyan (65%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.6950, 15.9264, -21.6575 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 114.6950, 15.9264, -21.6575 by changing the saturation by 10% instead.

■ 114.6950, 15.9264,
-21.6575

■ 114.6950, 15.9264,
-21.6575

255.0000, 0.0000,
0.0000

■ 89.5810, 15.4896,
-21.5575

■ 166.9230, 16.8000,
-21.8575

■ 65.7550, 14.9108,
-22.5871

■ 194.6240, 16.9474,
-22.4722

■ 41.5590, 15.5004,
-25.0462

■ 222.3960, 16.0738,
-22.2723

■ 22.7230, 13.4476,
-19.9281

■ 246.0300, 4.4222,
-18.4433

■ 4.4800, 12.0884,
-3.9290

254.7010, 0.1474,
-0.6148

■ 0.0000, 0.0000,
0.0000

■ 114.6950, 15.9264,
-21.6575

■ 114.6950, 15.9264,
-21.6575

■ 106.1010, 20.1632,
-27.2756

■ 123.2890, 11.6895,
-16.0395

■ 98.3930, 23.9633,
-32.7937

■ 130.9970, 7.8895,
-10.5214

■ 89.7990, 28.2001,
-38.4117

■ 139.5910, 3.6526,
-4.9033

■ 81.2050, 32.4369,
-44.0298

■ 148.1850, -0.5842,
0.7148

■ 72.9100, 36.5264,
-49.0331

■ 156.4800, -4.6736,
5.7180

■ 64.9030, 40.4738,
-55.1659

■ 164.4870, -8.6211,
11.8509

■ 63.7180, 41.0580,
-55.8807

■ 173.0810,
-12.8579, 17.4690

■ 181.6750,

-17.0948, 23.0870

 189.3830,
-20.8948, 28.6051

Harmonies

Analogous

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



111.9450, 13.3381, -31.5238



114.6950, 15.9264, -21.6575



118.0390, 14.2778, -6.1732

Triad

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



114.6950, 15.9264, -21.6575



119.7860, -5.3175, 25.6207



113.9420, -8.8454, -9.5961

Complementary

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



114.6950, 15.9264, -21.6575



122.3050, -15.9264, 21.6575

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.



115.7650, -13.6881, 3.7141



114.6950, 15.9264, -21.6575



118.5810, -11.1324, 24.0465

Square

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



114.6950, 15.9264, -21.6575



120.1150, 2.4083, 20.9471



117.3150, -14.4523, 15.5097



112.2160, -1.0925, -22.9914

Rectangle

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



114.6950, 15.9264, -21.6575



119.0080, 11.3351, 4.3780



117.3150, -14.4523, 15.5097



114.5080, -10.6034, -5.7075

Sweetspot

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



114.6950, 15.9264, -21.6575



178.2530, 6.2843, -8.9919



126.4230, -5.1385, -31.9430



89.2920, 3.8000, -5.5181



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



114.6950, 15.9264, -21.6575



140.0230, 25.1317, -34.2232



98.2590, 24.0293, -7.2431



70.1460, 1.9000, -2.7590



59.7570, 38.5738, -52.4069



4.6620, 2.6316, -4.0886

Inverse Universe

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



110.5770, 5.1385, 31.9430



133.4960, 8.1365, 50.4310



138.7410, -24.0293, 7.2431



69.5490, 0.7153, 3.9035



49.8120, 12.4177, 77.3409



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 114.6950, 15.9264, -21.6575 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 114.6950, 15.9264, -21.6575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

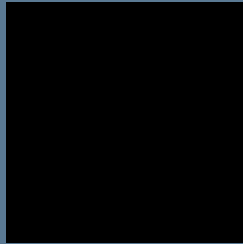
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

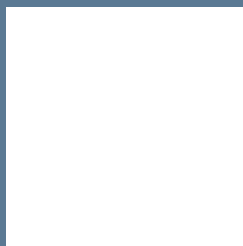
Any Text WCAG AAA × Fail

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

YUV 114.6950, 15.9264, -21.6575 Background



This preview shows how black text looks on a background with the YUV color 114.6950, 15.9264, -21.6575.



This preview shows how white text looks on a background with the YUV color 114.6950, 15.9264, -21.6575.

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

114.6950, 15.9264, -21.6575

Protanopia

117.6970, 12.9674, -5.8733

Deuteranopia

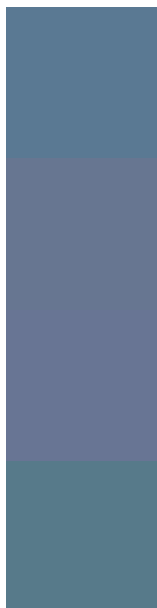
117.8650, 14.8566, -5.1436



Tritanopia

113.0770, 9.8220, -23.7465

Trichromacy



Original Color

114.6950, 15.9264, -21.6575

Protanomaly

116.5930, 14.0047, -11.9211

Deuteranomaly

116.6470, 15.4570, -11.0914

Tritanomaly

113.3590, 12.1480, -23.1168

Monochromacy



Original Color

114.6950, 15.9264, -21.6575

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.8510, 5.9895, -7.7623

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.6950, 15.9264, -21.6575 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(90, 121, 147)` looks like.

```
.text, #text, p{  
    color:rgb(90, 121, 147)  
}
```

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(90, 121, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 121, 147) }
```

Border

The CSS property to change the border of an element to YUV 114.6950, 15.9264, -21.6575 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(90, 121, 147) }
```


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

```
.border{ border-color:rgb(90, 121, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 121, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 121, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 121, 147);  
box-shadow:4px 4px 4px 4px rgb(90, 121,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 114.6950, 15.9264, -21.6575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 121, 147) }
```

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

```
.background{ background-color: rgb(90, 121,  
147) }
```

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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