

Converting Colors

YUV(117.2650, 21.5614,
-9.0024)

Have a look what the booklet for
YUV(117.2650, 21.5614, -9.0024)
contains.

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Color

**YUV(117.2650, 21.5614,
-9.0024)**

Conversions

Conversions Part 1

Format	Color
Hex	6B72A1
RGB	107, 114, 161
RGB Percent	42%, 45%, 63%
CMY	0.5804, 0.5529, 0.3686
CMYK	0.34, 0.29, 0.00, 0.37
HSL	232°, 22%, 53%
HSV	232°, 34%, 63%
XYZ	18.5137, 17.7336, 36.1654
YIQ	117.2650, -19.2590, 13.1330

Conversions

Conversions Part 2

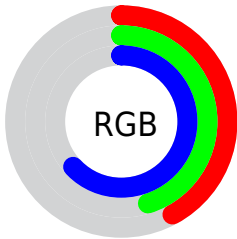
Format	Color
RYB	107, 113, 161
Decimal	7041697
CIELab	49.17, 8.93, -26.14
CIELCh	49, 27.625, 288.852
Yxy	17.7336, 0.2557, 0.2449
Android (android.graphics.Color)	4285231777 (0xFF6B72A1)
YUV	117.2650, 21.5614, -9.0024
Hunter-Lab	42.1113, 4.7806, -21.4406

Details

The YUV color **117.2650, 21.5614, -9.0024** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **150.7350, -21.5614, 9.0024**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.9060, 22.7243, -8.6876**, and **68.2110, 20.1090, -9.8320** is the 20% darker color. If you saturate the color by 10%, you get **104.2630, 27.9713, -11.6317**, and if you desaturate by 10%, it is **130.2670, 15.1514, -6.3732**.

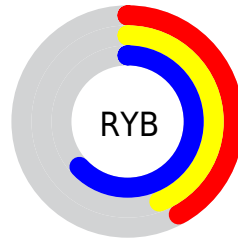
Distribution



Red (42%)

Green (45%)

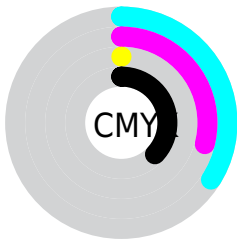
Blue (63%)



Red (42%)

Yellow (44%)

Blue (63%)

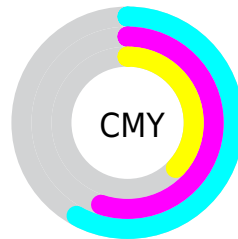


Cyan (34%)

Magenta (29%)

Yellow (0%)

Black (37%)



Cyan (58%)

Magenta (55%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.2650, 21.5614, -9.0024 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 117.2650, 21.5614, -9.0024 by changing the saturation by 10% instead.

■ 117.2650, 21.5614,
-9.0024

■ 117.2650, 21.5614,
-9.0024

■ 255.0000, 0.0000,
0.0000

■ 92.7380, 20.8352,
-9.4172

■ 169.9060, 22.7243,
-8.6876

■ 68.2110, 20.1090,
-9.8320

■ 197.1340, 23.5979,
-8.8875

■ 45.0860, 19.6776,
-11.4764

■ 223.0820, 15.7356,
-7.0879

■ 22.5370, 18.9623,
-15.3799

■ 248.1890, 3.3578,
-3.6738

■ 4.4460, 17.0351,
-3.8991

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 117.2650, 21.5614,
-9.0024

■ 117.2650, 21.5614,
-9.0024

■ 104.2630, 27.9713,
-11.6317

■ 130.2670, 15.1514,
-6.3732

■ 91.2610, 34.3813,
-14.2609

■ 143.2690, 8.7414,
-3.7439

■ 78.2590, 40.7913,
-16.8901

■ 156.2710, 2.3314,
-1.1147

■ 65.2570, 47.2013,
-19.5194

■ 169.2730, -4.0786,
1.5146

■ 52.2550, 53.6113,
-22.1486

■ 182.2750,
-10.4886, 4.1438

■ 38.9540, 60.1687,
-25.3927

■ 195.5760,
-17.0460, 7.3878

■ 30.6810, 64.2473,
-26.9072

■ 208.5780,
-23.4560, 10.0171

■ 221.5800,
-29.8659, 12.6463

■ 234.5820,
-36.2759, 15.2756

Harmonies

Analogous

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



110.7130, 25.2845, -36.5823



117.2650, 21.5614, -9.0024



120.3560, 13.6285, 15.4738

Triad

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



117.2650, 21.5614, -9.0024



117.7410, -17.1273, 33.5531



106.1600, 0.4141, -39.6053

Complementary

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



117.2650, 21.5614, -9.0024



150.7350, -21.5614, 9.0024

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.



110.8610, -12.7495, -17.4181



117.2650, 21.5614, -9.0024



115.6980, -22.0361, 21.3129

Square

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



117.2650, 21.5614, -9.0024



118.5920, -7.6869, 38.9458



113.9300, -20.6715, 3.5694



99.9260, 15.3195, -60.4481

Rectangle

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



117.2650, 21.5614, -9.0024



120.0110, 6.8966, 28.0544



113.9300, -20.6715, 3.5694



107.6510, -4.2649, -32.1429

Sweetspot

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



117.2650, 21.5614, -9.0024



192.1550, 8.3046, -3.6439



144.0560, 4.9024, -32.4981



94.6560, 5.0996, -2.3293



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



117.2650, 21.5614, -9.0024



141.0330, 33.5077, -14.0609



119.1360, 20.6390, 6.8967



74.6130, 3.6418, -1.4146



27.6830, 57.8373, -24.2780



3.2260, 7.2836, -2.8292

Inverse Universe

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



123.9440, -4.9024, 32.4981



151.3700, -7.5774, 50.5415



148.8640, -20.6390, -6.8967



75.8050, -0.8899, 5.4330



45.5210, -13.0749, 87.2431



5.6100, -1.7797, 10.8660

Previews

White Background



This preview shows how the YUV color 117.2650, 21.5614, -9.0024 looks on a white background.

Color Contrast Check

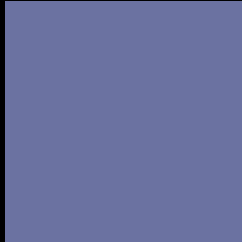
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.2650, 21.5614, -9.0024 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

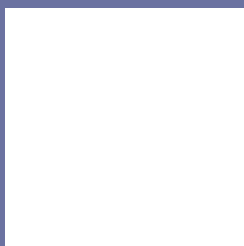
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 117.2650, 21.5614, -9.0024

Background



This preview shows how black text looks on a background with the YUV color 117.2650, 21.5614, -9.0024.



This preview shows how white text looks on a background with the YUV color 117.2650, 21.5614, -9.0024.

-9.0024.

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

117.2650, 21.5614, -9.0024

Protanopia

116.7700, 22.2984, -12.0763

Deuteranopia

116.6560, 21.8616, -11.9763



Tritanopia

115.1600, 7.3161, -13.2953

Trichromacy



Original Color

117.2650, 21.5614, -9.0024

Protanomaly

117.0690, 22.1510, -11.4615

Deuteranomaly

116.9550, 21.7142, -11.3615

Tritanomaly

116.1370, 12.2575, -11.5211

Monochromacy



Original Color

117.2650, 21.5614, -9.0024

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2650, 21.5614, -9.0024 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(107, 114, 161)` looks like.

```
.text, #text, p{  
    color:rgb(107, 114, 161)  
}
```

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(107, 114, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 114, 161) }
```

Border

The CSS property to change the border of an element to YUV 117.2650, 21.5614, -9.0024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

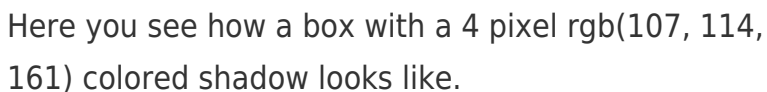
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 114, 161) }
```


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

```
.border{ border-color:rgb(107, 114, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 114, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 114, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 114, 161);  
box-shadow:4px 4px 4px 4px rgb(107, 114,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 117.2650, 21.5614, -9.0024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 114, 161) }
```

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

```
.background{ background-color: rgb(107,  
114, 161) }
```

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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