

Converting Colors

YUV(121.0500, 14.2724,
-4.4288)

Have a look what the booklet for
YUV(121.0500, 14.2724, -4.4288)
contains.

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Color

**YUV(121.0500, 14.2724,
-4.4288)**

Conversions

Conversions Part 1

Format	Color
Hex	747696
RGB	116, 118, 150
RGB Percent	45%, 46%, 59%
CMY	0.5451, 0.5373, 0.4118
CMYK	0.23, 0.21, 0.00, 0.41
HSL	236°, 14%, 52%
HSV	236°, 23%, 59%
XYZ	19.1859, 18.8719, 31.4856
YIQ	121.0500, -11.4640, 9.5280

Conversions

Conversions Part 2

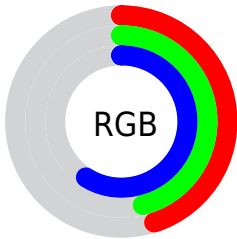
Format	Color
R_{YB}	116, 118, 150
Decimal	7632534
CIE _{Lab}	50.54, 6.51, -17.54
CIE _{LCh}	51, 18.705, 290.357
Yxy	18.8719, 0.2759, 0.2714
Android (android.graphics.Color)	4285822614 (0xFF747696)
YUV	121.0500, 14.2724, -4.4288
Hunter-Lab	43.4418, 2.8108, -12.5628

Details

The YUV color **121.0500, 14.2724, -4.4288** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **144.9500, -14.2723, 4.4289**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2780, 15.1459, -4.6288**, and **72.4090, 13.1094, -4.7437** is the 20% darker color. If you saturate the color by 10%, you get **108.3470, 20.5349, -6.4433**, and if you desaturate by 10%, it is **133.7530, 8.0098, -2.4144**.

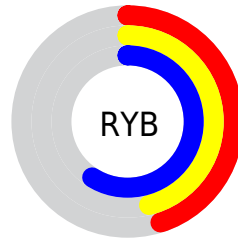
Distribution



Red (45%)

Green (46%)

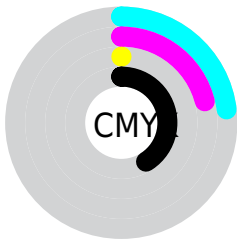
Blue (59%)



Red (45%)

Yellow (46%)

Blue (59%)

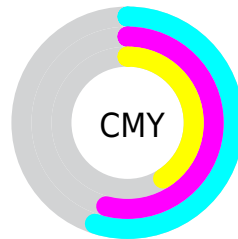


Cyan (23%)

Magenta (21%)

Yellow (0%)

Black (41%)



Cyan (55%)

Magenta (54%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.0500, 14.2724, -4.4288 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 121.0500, 14.2724, -4.4288 by changing the saturation by 10% instead.

■ 121.0500, 14.2724,
-4.4288

■ 121.0500, 14.2724,
-4.4288

■ 255.0000, 0.0000,
0.0000

■ 95.9360, 13.8356,
-4.3289

■ 173.2780, 15.1459,
-4.6288

■ 72.4090, 13.1094,
-4.7437

■ 200.6910, 15.4353,
-4.1140

■ 49.8820, 12.3832,
-5.1585

■ 228.1210, 13.2513,
-3.6141

■ 28.3550, 11.6570,
-5.5733

■ 253.8150, 0.5842,
-0.7148

■ 3.5340, 13.5407,
-3.0993

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 121.0500, 14.2724,
-4.4288

■ 121.0500, 14.2724,
-4.4288

■ 108.3470, 20.5349,
-6.4433

■ 133.7530, 8.0098,
-2.4144

■ 95.6440, 26.7975,
-8.4578

■ 146.4560, 1.7472,
-0.3999

■ 82.9410, 33.0601,
-10.4723

■ 159.1590, -4.5154,
1.6146

■ 70.2380, 39.3227,
-12.4867

■ 171.8620,
-10.7780, 3.6290

■ 56.9480, 45.8746,
-13.9864

■ 185.1520,
-17.3299, 5.1287

■ 44.2450, 52.1372,
-16.0009

■ 197.8550,
-23.5925, 7.1432

■ 31.5420, 58.3998,
-18.0153

■ 210.5580,
-29.8551, 9.1576

■ 22.3830, 62.9152,
-19.6299

■ 223.2610,
-36.1177, 11.1721

■ 235.9640,
-42.3803, 13.1866

Harmonies

Analogous

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



117.5210, 16.5051, -20.6279



121.0500, 14.2724, -4.4288



123.0690, 8.8400, 11.3405

Triad

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



121.0500, 14.2724, -4.4288



120.9400, -12.2954, 23.7316



114.1340, -0.0661, -25.5505

Complementary

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



121.0500, 14.2724, -4.4288



144.9500, -14.2723, 4.4289

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.



116.4470, -8.1084, -12.6700



121.0500, 14.2724, -4.4288



119.7880, -15.1785, 15.0949

Square

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



121.0500, 14.2724, -4.4288



122.2700, -6.0491, 26.9502



118.6400, -14.1195, 2.0697



113.0820, 8.8336, -33.3979

Rectangle

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



121.0500, 14.2724, -4.4288



122.8590, 4.0135, 19.4177



118.6400, -14.1195, 2.0697



114.7710, -2.8451, -20.8472

Sweetspot

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



121.0500, 14.2724, -4.4288



182.1830, 5.8258, -1.9145



139.6060, 4.1382, -20.7025



90.4990, 3.2050, -1.3146



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.



121.0500, 14.2724, -4.4288



149.3900, 21.9927, -7.3580



124.3610, 12.6400, 5.8224



67.7980, 3.0576, -0.6998



20.4280, 57.9630, -17.9154



1.7270, 4.0786, -1.5146

Inverse Universe

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



126.3940, -4.1382, 20.7025



157.3030, -6.0654, 32.1833



141.6390, -12.6400, -5.8224



69.0930, -1.0318, 4.3034



42.1740, -16.8478, 84.0394



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 121.0500, 14.2724, -4.4288 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 121.0500, 14.2724, -4.4288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

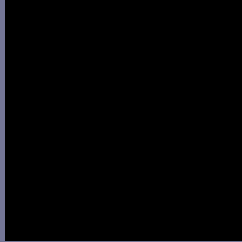
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.0500, 14.2724, -4.4288

Background



This preview shows how black text looks on a background with the YUV color 121.0500, 14.2724, -4.4288.



This preview shows how white text looks on a background with the YUV color 121.0500, 14.2724, -4.4288.

-4.4288.

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

121.0500, 14.2724, -4.4288

Protanopia

120.5550, 15.0094, -7.5027

Deuteranopia

121.3490, 14.1249, -3.8141



Tritanopia

119.4490, 5.6946, -6.5328

Trichromacy



Original Color

121.0500, 14.2724, -4.4288

Protanomaly

120.8540, 14.8620, -6.8880

Deuteranomaly

121.3490, 14.1249, -3.8141

Tritanomaly

119.9590, 8.8942, -6.1030

Monochromacy



Original Color

121.0500, 14.2724, -4.4288

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0690, 5.3890, -1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.0500, 14.2724, -4.4288 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(116, 118, 150)` looks like.

```
.text, #text, p{  
    color:rgb(116, 118, 150)  
}
```

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(116, 118, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 118, 150) }
```

Border

The CSS property to change the border of an element to YUV 121.0500, 14.2724, -4.4288 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(116, 118, 150) }
```


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

```
.border{ border-color:rgb(116, 118, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 118, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 118, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 118, 150);  
box-shadow:4px 4px 4px 4px rgb(116, 118,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 121.0500, 14.2724, -4.4288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 118, 150) }
```

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

```
.background{ background-color: rgb(116,  
118, 150) }
```

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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