

# Converting Colors

YUV(114.4220, 3.2430,  
-13.5251)

Have a look what the booklet for  
YUV(114.4220, 3.2430, -13.5251)  
contains.

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# Color

**YUV(114.4220, 3.2430,  
-13.5251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	637979
RGB	99, 121, 121
RGB Percent	39%, 47%, 47%
CMY	0.6118, 0.5255, 0.5255
CMYK	0.18, 0.00, 0.00, 0.53
HSL	180°, 10%, 43%
HSV	180°, 18%, 47%
XYZ	15.4342, 17.7079, 20.6937
YIQ	114.4220, -13.1120, -4.6640

# Conversions

## Conversions Part 2

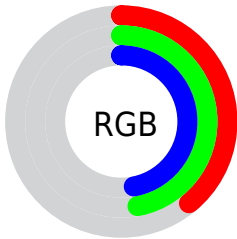
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 110, 121
Decimal	6519161
CIE <sub>Lab</sub>	49.14, -7.99, -2.68
CIE <sub>LCh</sub>	49, 8.429, 198.531
Yxy	17.7079, 0.2867, 0.3289
Android (android.graphics.Color)	4284709241 (0xFF637979)
YUV	114.4220, 3.2430, -13.5251
Hunter-Lab	42.0807, -8.1719, 0.3000

# Details

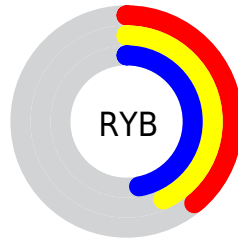
The YUV color **114.4220, 3.2430, -13.5251** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **105.5780, -3.2430, 13.5251**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1230, 3.3904, -14.1399**, and **66.1340, 3.3849, -12.3955** is the 20% darker color. If you saturate the color by 10%, you get **110.8340, 5.0118, -20.9024**, and if you desaturate by 10%, it is **118.0100, 1.4741, -6.1478**.

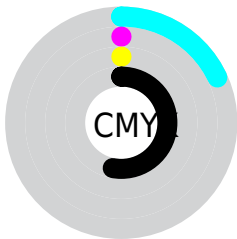
# Distribution



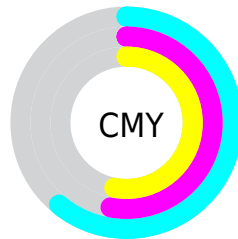
- Red (39%)
- Green (47%)
- Blue (47%)



- Red (39%)
- Yellow (43%)
- Blue (47%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (53%)



- Cyan (61%)
- Magenta (53%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 114.4220, 3.2430, -13.5251 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 114.4220, 3.2430, -13.5251 by changing the saturation by 10% instead.



■ 114.4220, 3.2430,  
-13.5251

■ 114.4220, 3.2430,  
-13.5251

■ 255.0000, 0.0000,  
0.0000

■ 89.7210, 3.0955,  
-12.9103

■ 166.1230, 3.3904,  
-14.1399

■ 66.1340, 3.3849,  
-12.3955

■ 193.8240, 3.5378,  
-14.7546

■ 44.0200, 2.9481,  
-12.2955

■ 221.8240, 3.5378,  
-14.7546

■ 23.0200, 2.9481,  
-12.2955

■ 248.4220, 3.2430,  
-13.5251

■ 0.3420, 1.3104,  
-0.2999

■ 0.0000, 0.0000,  
0.0000

■ 114.4220, 3.2430,  
-13.5251

■ 114.4220, 3.2430,  
-13.5251

■ 110.8340, 5.0118,  
-20.9024

■ 118.0100, 1.4741,  
-6.1478

■ 107.2460, 6.7807,  
-28.2797

■ 121.5980, -0.2948,  
1.2296

■ 103.6580, 8.5496,  
-35.6571

■ 125.1860, -2.0637,  
8.6069

■ 100.0700, 10.3185,  
-43.0344

■ 128.7740, -3.8326,  
15.9842

■ 96.4820, 12.0874,  
-50.4117

■ 132.6610, -5.7489,  
23.9763

■ 92.5950, 14.0037,  
-58.4038

■ 136.2490, -7.5178,  
31.3536

■ 89.0070, 15.7725,  
-65.7811

■ 139.8370, -9.2866,  
38.7310

■ 85.4190, 17.5414,

■ 143.4250,

-73.1585

-11.0555, 46.1083

■ 84.8210, 17.8362,  
-74.3880

■ 147.0130,  
-12.8244, 53.4856

# Harmonies

## Analogous

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



114.8200, -0.4043, -10.3661



114.4220, 3.2430, -13.5251



114.8180, 6.0057, -12.9954

# Triad

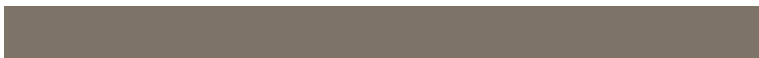
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



114.4220, 3.2430, -13.5251



118.0590, 3.9149, 4.3333



116.6220, -6.7156, 7.3475

# Complementary

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



114.4220, 3.2430, -13.5251



105.5780, -3.2430, 13.5251

# 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.



117.5840, -5.7109, 11.7658



114.4220, 3.2430, -13.5251



118.2940, 0.8411, 10.2662

# Square

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



114.4220, 3.2430, -13.5251



117.2970, 6.2626, -2.0145



118.0940, -2.5113, 12.1956



116.2900, -6.5520, 1.4997



# Rectangle

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



114.4220, 3.2430, -13.5251



115.7690, 7.0159, -10.3214



118.0940, -2.5113, 12.1956



117.3340, -6.5737, 8.4771

# Sweetspot

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



114.4220, 3.2430, -13.5251



155.6080, 1.1793, -4.9182



111.9140, -6.3666, -11.3256



77.5050, 0.7370, -3.0739



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



114.4220, 3.2430, -13.5251



147.5350, 5.1592, -21.5172



107.9650, 6.4263, -7.8623



59.2060, 0.8844, -3.6887



87.6250, 18.4259, -76.8471



176.6520, 37.1466, -154.9238



# Inverse Universe

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



108.0860, 6.3666, 11.3256



137.4550, 10.1287, 18.0180



112.0350, -6.4263, 7.8623



57.4780, 1.7363, 3.0888



51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293



# Previews

## White Background



This preview shows how the YUV color 114.4220, 3.2430, -13.5251 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 114.4220, 3.2430, -13.5251 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

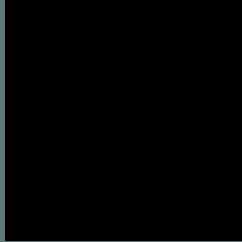
Any Text WCAG AA ✓ Pass

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 114.4220, 3.2430, -13.5251 Background



This preview shows how black text looks on a background with the YUV color 114.4220, 3.2430, -13.5251.



This preview shows how white text looks on a background with the YUV color 114.4220, 3.2430,

-13.5251.

# 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

114.4220, 3.2430, -13.5251

### Protanopia

116.8260, 0.5788, 1.0296

### Deuteranopia

117.7280, 2.5991, 6.3775



## Tritanopia

115.3450, 6.7319, -12.5806

# Trichromacy



## Original Color

114.4220, 3.2430, -13.5251

## Protanomaly

116.0210, 1.4686, -4.4034

## Deuteranomaly

116.6840, 2.6208, -0.5999

## Tritanomaly

114.7040, 5.5689, -12.8954

# Monochromacy



## Original Color

114.4220, 3.2430, -13.5251

## Achromatopsia

114.0000, 0.0000, 0.0000

## Achromatomaly

114.6080, 1.1793, -4.9182

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 114.4220, 3.2430, -13.5251 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(99, 121, 121)` looks like.

```
.text, #text, p{  
    color:rgb(99, 121, 121)  
}
```

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(99, 121, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 121, 121) }
```

## Border

The CSS property to change the border of an element to YUV 114.4220, 3.2430, -13.5251 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(99, 121, 121) }
```



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

```
.border{ border-color:rgb(99, 121, 121) }
```

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

Here you see how a box with a 4 pixel rgb(99, 121, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 121, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 121, 121);  
box-shadow:4px 4px 4px 4px rgb(99, 121,  
121) }
```

# Background

The CSS property to change the background color of an element to YUV 114.4220, 3.2430, -13.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 121, 121) }
```

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

```
.background{ background-color: rgb(99, 121,  
121) }
```

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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