

# Converting Colors

YUV(113.6710, 25.7982,  
-14.6205)

Have a look what the booklet for  
YUV(113.6710, 25.7982, -14.6205)  
contains.

<b>YUV(113.6710, 25.7982, -14.6205)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(113.6710, 25.7982,  
-14.6205)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6170A6
RGB	97, 112, 166
RGB Percent	38%, 44%, 65%
CMY	0.6196, 0.5608, 0.3490
CMYK	0.42, 0.33, 0.00, 0.35
HSL	227°, 28%, 52%
HSV	227°, 42%, 65%
XYZ	17.6069, 16.8829, 38.4071
YIQ	113.6710, -26.2740, 13.6140

# Conversions

## Conversions Part 2

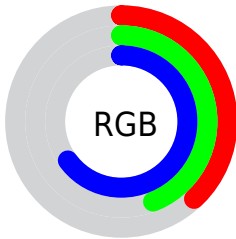
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 109, 166
Decimal	6385830
CIE Lab	48.11, 8.68, -30.77
CIE LCh	48, 31.975, 285.752
Yxy	16.8829, 0.2415, 0.2316
Android (android.graphics.Color)	4284575910 (0xFF6170A6)
YUV	113.6710, 25.7982, -14.6205
Hunter-Lab	41.0888, 4.5832, -26.6583

# Details

The YUV color **113.6710, 25.7982, -14.6205** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **149.3290, -25.7982, 14.6205**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3120, 26.9612, -14.3056**, and **64.6060, 24.3512, -17.1945** is the 20% darker color. If you saturate the color by 10%, you get **100.9570, 32.0662, -18.3793**, and if you desaturate by 10%, it is **126.3850, 19.5302, -10.8616**.

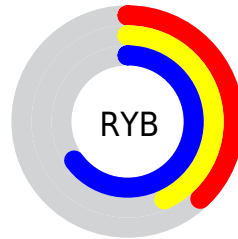
# Distribution



Red (38%)

Green (44%)

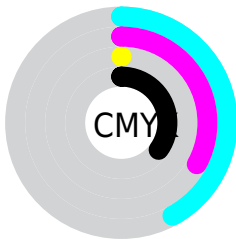
Blue (65%)



Red (38%)

Yellow (43%)

Blue (65%)

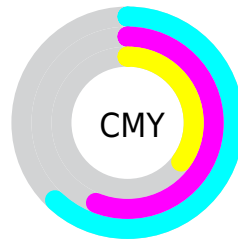


Cyan (42%)

Magenta (33%)

Yellow (0%)

Black (35%)



Cyan (62%)

Magenta (56%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 113.6710, 25.7982, -14.6205 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 113.6710, 25.7982, -14.6205 by changing the saturation by 10% instead.



■ 113.6710, 25.7982,  
-14.6205

■ 113.6710, 25.7982,  
-14.6205

255.0000, 0.0000,  
0.0000

■ 88.7310, 24.7826,  
-15.5501

■ 166.3120, 26.9612,  
-14.3056

■ 64.6060, 24.3512,  
-17.1945

■ 193.8390, 27.6874,  
-13.8908

■ 40.1710, 24.0727,  
-21.1980

■ 218.6300, 17.9304,  
-11.0765

■ 20.9110, 21.7359,  
-18.3389

■ 244.3240, 5.2633,  
-8.1771

■ 6.6630, 17.9141,  
-5.8435

■ 2.9810, 8.8834,  
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 113.6710, 25.7982,  
-14.6205

■ 113.6710, 25.7982,  
-14.6205

■ 100.9570, 32.0662,  
-18.3793

■ 126.3850, 19.5302,  
-10.8616

■ 88.5420, 38.1868,  
-21.5233

■ 138.8000, 13.4096,  
-7.7176

■ 75.8280, 44.4548,  
-25.2822

■ 151.5140, 7.1416,  
-3.9588

■ 63.4130, 50.5754,  
-28.4262

■ 163.9290, 1.0210,  
-0.8147

■ 50.6990, 56.8434,  
-32.1850

■ 176.6430, -5.2470,  
2.9441

■ 40.0560, 62.0904,  
-35.1291

■ 189.3570,  
-11.5150, 6.7029

■ 201.7720,  
-17.6356, 9.8470

■ 214.4860,  
-23.9036, 13.6058

■ 226.9010,  
-30.0242, 16.7498

# Harmonies

## Analogous

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



103.1070, 31.0062, -51.8368



113.6710, 25.7982, -14.6205



117.5670, 16.9755, 15.2887

# Triad

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



113.6710, 25.7982, -14.6205



114.7310, -18.6014, 39.7009



100.6000, -0.2958, -45.2532

# Complementary

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



113.6710, 25.7982, -14.6205



149.3290, -25.7982, 14.6205

# 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.



107.3510, -15.9490, -17.8478



113.6710, 25.7982, -14.6205



112.9220, -25.1045, 25.5014

# Square

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



113.6710, 25.7982, -14.6205



115.7390, -7.2663, 44.0789



110.6160, -24.4607, 5.5988



89.7280, 18.8681, -78.6915



# Rectangle

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



113.6710, 25.7982, -14.6205



117.4180, 9.6539, 30.3284



110.6160, -24.4607, 5.5988



103.7600, -6.2907, -35.7465

# Sweetspot

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



113.6710, 25.7982, -14.6205



196.8990, 9.9098, -5.1734



143.5450, 3.1823, -40.8200



98.1720, 5.8312, -3.6588



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



113.6710, 25.7982, -14.6205



134.5140, 40.6656, -23.2528



110.2480, 27.4857, 4.1675



78.0860, 2.9156, -1.8294



35.6560, 55.3856, -31.2703



4.6280, 7.5784, -4.0588



# Inverse Universe

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



119.3410, -3.6191, 40.9199



143.3270, -5.5842, 64.6112



152.7520, -27.4857, -4.1675



78.6200, -0.3057, 4.7183



47.9000, -7.8387, 87.7877



6.4360, -1.2009, 11.8956



# Previews

## White Background



This preview shows how the YUV color 113.6710, 25.7982, -14.6205 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 113.6710, 25.7982, -14.6205 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

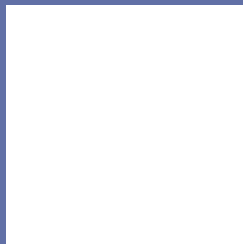
Any Text WCAG AAA × Fail

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

# YUV 113.6710, 25.7982, -14.6205 Background



This preview shows how black text looks on a background with the YUV color 113.6710, 25.7982, -14.6205.



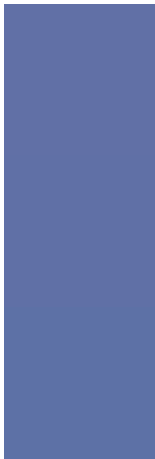
This preview shows how white text looks on a background with the YUV color 113.6710, 25.7982, -14.6205.

-14.6205.

# 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

113.6710, 25.7982, -14.6205

### Protanopia

113.3720, 25.9456, -15.2352

### Deuteranopia

113.0620, 26.0984, -17.5944



## Tritanopia

110.5720, 9.0850, -20.6726

# Trichromacy



## Original Color

113.6710, 25.7982, -14.6205

## Protanomaly

113.3720, 25.9456, -15.2352

## Deuteranomaly

113.3610, 25.9510, -16.9796

## Tritanomaly

111.4890, 15.0419, -17.9689

# Monochromacy



## Original Color

113.6710, 25.7982, -14.6205

## Achromatopsia

114.0000, 0.0000, 0.0000

## Achromatomaly

113.7850, 9.4730, -5.0734

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 113.6710, 25.7982, -14.6205 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(97, 112, 166)` looks like.

```
.text, #text, p{  
    color:rgb(97, 112, 166)  
}
```

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(97, 112, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 112, 166) }
```

## Border

The CSS property to change the border of an element to YUV 113.6710, 25.7982, -14.6205 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(97, 112, 166) }
```



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

```
.border{ border-color:rgb(97, 112, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 112, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 112, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 112, 166);  
box-shadow:4px 4px 4px 4px rgb(97, 112,  
166) }
```

# Background

The CSS property to change the background color of an element to YUV 113.6710, 25.7982, -14.6205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 112, 166) }
```

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

```
.background{ background-color: rgb(97, 112,  
166) }
```

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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