

# Converting Colors

YUV(150.7140, 23.8050,  
-28.6902)

Have a look what the booklet for  
YUV(150.7140, 23.8050, -28.6902)  
contains.

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# Color

**YUV(150.7140, 23.8050,  
-28.6902)**

# Conversions

## Conversions Part 1

Format	Color
Hex	769EC7
RGB	118, 158, 199
RGB Percent	46%, 62%, 78%
CMY	0.5373, 0.3804, 0.2196
CMYK	0.41, 0.21, 0.00, 0.22
HSL	210°, 42%, 62%
HSV	210°, 41%, 78%
XYZ	30.0069, 32.4288, 58.7107
YIQ	150.7140, -37.0010, 4.2710

# Conversions

## Conversions Part 2

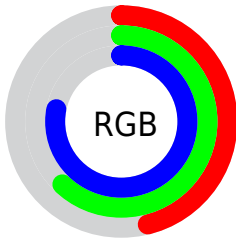
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 145, 199
Decimal	7773895
CIE <sub>Lab</sub>	63.70, -3.06, -25.38
CIE <sub>LCh</sub>	64, 25.563, 263.130
Yxy	32.4288, 0.2477, 0.2677
Android (android.graphics.Color)	4285963975 (0xFF769EC7)
YUV	150.7140, 23.8050, -28.6902
Hunter-Lab	56.9463, -5.5985, -21.2646

# Details

The YUV color **150.7140, 23.8050, -28.6902** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **166.2860, -23.8050, 28.6902**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8280, 24.2418, -28.7902**, and **98.7740, 22.7894, -29.6198** is the 20% darker color. If you saturate the color by 10%, you get **138.8640, 29.6470, -35.8377**, and if you desaturate by 10%, it is **162.5640, 17.9629, -21.5426**.

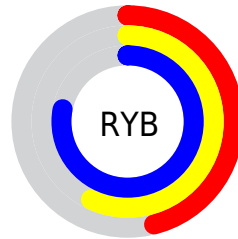
# Distribution



Red (46%)

Green (62%)

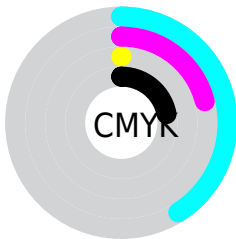
Blue (78%)



Red (46%)

Yellow (57%)

Blue (78%)

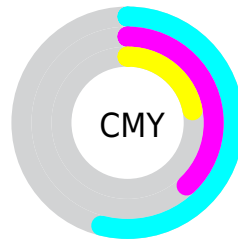


Cyan (41%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (54%)

Magenta (38%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 150.7140, 23.8050, -28.6902 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 150.7140, 23.8050, -28.6902 by changing the saturation by 10% instead.



■ 150.7140, 23.8050,  
-28.6902

■ 150.7140, 23.8050,  
-28.6902

255.0000, 0.0000,  
0.0000

■ 124.3010, 23.5156,  
-29.2050

■ 205.8280, 24.2418,  
-28.7902

■ 98.7740, 22.7894,  
-29.6198

■ 230.6360, 12.0115,  
-25.9908

■ 73.3500, 22.5055,  
-31.8789

■ 247.5250, 3.6852,  
-15.3694

■ 45.9360, 23.6956,  
-40.2859

■ 30.2860, 19.5790,  
-26.5608

■ 15.4510, 16.0467,  
-13.5505

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,  
0.0000

■ 150.7140, 23.8050,  
-28.6902

■ 150.7140, 23.8050,  
-28.6902

■ 138.8640, 29.6470,  
-35.8377

■ 162.5640, 17.9629,  
-21.5426

■ 127.0140, 35.4891,  
-42.9853

■ 174.4140, 12.1209,  
-14.3951

■ 115.1640, 41.3311,  
-50.1328

■ 186.2640, 6.2788,  
-7.2475

■ 103.3140, 47.1732,  
-57.2804

■ 198.1140, 0.4368,  
-0.1000

■ 91.7630, 52.8678,  
-63.8132

■ 209.9640, -5.4053,  
7.0476

■ 80.2120, 58.5625,  
-70.3459

■ 221.5150,  
-11.0999, 13.5803

■ 233.3540,  
-16.9365, 18.9835

■ 239.2240,  
-19.8304, 13.8356

■ 245.0940,  
-22.7243, 8.6876

# Harmonies

## Analogous

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



145.1370, 22.1175, -47.4781



150.7140, 23.8050, -28.6902



155.5430, 19.9453, -3.9842

# Triad

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



150.7140, 23.8050, -28.6902



156.4240, -9.5760, 38.2162



148.3060, -10.9969, -19.5624

# Complementary

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



150.7140, 23.8050, -28.6902



166.2860, -23.8050, 28.6902

# 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.



150.9620, -19.2083, 0.9103



150.7140, 23.8050, -28.6902



155.8010, -18.1429, 32.6235

# Square

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



150.7140, 23.8050, -28.6902



157.8500, 1.0599, 33.4575



153.6870, -22.0307, 19.5685



145.1000, 1.4297, -38.6757



# Rectangle

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



150.7140, 23.8050, -28.6902



157.3770, 15.0971, 11.0704



153.6870, -22.0307, 19.5685



149.1390, -14.3655, -12.3999

# Sweetspot

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



150.7140, 23.8050, -28.6902



236.9260, 8.9105, -11.3361



170.2210, -5.5320, -45.7978



116.7480, 5.5472, -5.9180



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

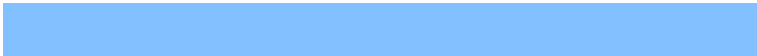


# Same Dimension

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



150.7140, 23.8050, -28.6902



180.6440, 36.6575, -44.4148



127.2340, 35.3806, -8.0982



93.3740, 2.7736, -2.9590



66.1290, 47.7574, -57.9951



14.6700, 10.5157, -12.8656



# Inverse Universe

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



146.7790, 5.5320, 45.7978



174.4430, 8.6556, 70.6485



189.7660, -35.3806, 8.0982



93.1470, 0.4205, 5.1331



57.9710, 11.3533, 92.1104

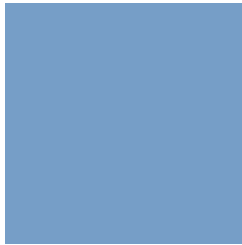


12.8160, 2.5557, 20.3324



# Previews

## White Background



This preview shows how the YUV color 150.7140, 23.8050, -28.6902 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

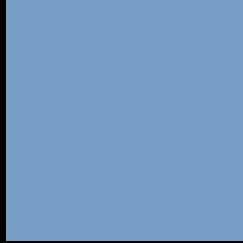
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 150.7140, 23.8050, -28.6902 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 ✓ Pass

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

# YUV 150.7140, 23.8050, -28.6902

## Background



This preview shows how black text looks on a background with the YUV color 150.7140, 23.8050, -28.6902.



This preview shows how white text looks on a background with the YUV color 150.7140, 23.8050, -28.6902.

-28.6902.

# 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

150.7140, 23.8050, -28.6902

### Protanopia

154.2110, 20.1090, -9.8320

### Deuteranopia

154.4930, 22.4350, -9.2024



## Tritanopia

148.5320, 13.0487, -32.0386

# Trichromacy



**Original Color**

150.7140, 23.8050, -28.6902

**Protanomaly**

152.8080, 21.2937, -16.4946

**Deuteranomaly**

153.5630, 22.8934, -16.2798

**Tritanomaly**

149.5690, 16.9745, -31.1940

# Monochromacy



**Original Color**

150.7140, 23.8050, -28.6902

**Achromatopsia**

151.0000, 0.0000, 0.0000

**Achromatomaly**

151.1110, 8.3263, -10.6213

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.7140, 23.8050, -28.6902 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(118, 158, 199)` looks like.

```
.text, #text, p{  
    color:rgb(118, 158, 199)  
}
```

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(118, 158, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 158, 199) }
```

## Border

The CSS property to change the border of an element to YUV 150.7140, 23.8050, -28.6902 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(118, 158, 199) }
```



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

```
.border{ border-color:rgb(118, 158, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 158, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 158, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 158, 199);  
box-shadow:4px 4px 4px 4px rgb(118, 158,  
199) }
```

# Background

The CSS property to change the background color of an element to YUV 150.7140, 23.8050, -28.6902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 158, 199) }
```

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

```
.background{ background-color: rgb(118,  
158, 199) }
```

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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