

Converting Colors

YUV(150.1420, 28.0310,
-30.8195)

Have a look what the booklet for
YUV(150.1420, 28.0310, -30.8195)
contains.

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Color

**YUV(150.1420, 28.0310,
-30.8195)**

Conversions

Conversions Part 1

Format	Color
Hex	739DCF
RGB	115, 157, 207
RGB Percent	45%, 62%, 81%
CMY	0.5490, 0.3843, 0.1882
CMYK	0.44, 0.24, 0.00, 0.19
HSL	213°, 49%, 63%
HSV	213°, 44%, 81%
XYZ	30.3897, 32.2638, 63.6573
YIQ	150.1420, -41.0820, 6.6460

Conversions

Conversions Part 2

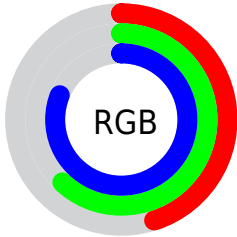
Format	Color
R _Y B	115, 144, 207
Decimal	7577039
CIE Lab	63.56, -1.03, -30.06
CIE LCh	64, 30.079, 268.034
Yxy	32.2638, 0.2406, 0.2554
Android (android.graphics.Color)	4285767119 (0xFF739DCF)
YUV	150.1420, 28.0310, -30.8195
Hunter-Lab	56.8012, -3.9013, -26.6857

Details

The YUV color **150.1420, 28.0310, -30.8195** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **171.8580, -28.0310, 30.8195**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.7570, 25.2628, -29.6049**, and **97.4900, 26.8734, -32.8787** is the 20% darker color. If you saturate the color by 10%, you get **137.4060, 34.3098, -38.0671**, and if you desaturate by 10%, it is **162.8780, 21.7521, -23.5720**.

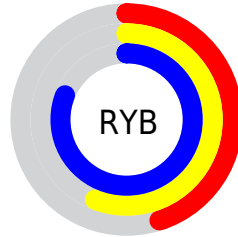
Distribution



Red (45%)

Green (62%)

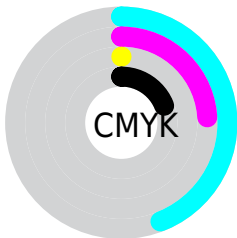
Blue (81%)



Red (45%)

Yellow (56%)

Blue (81%)

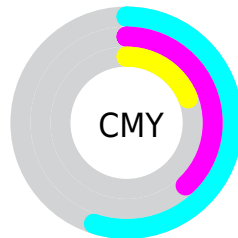


Cyan (44%)

Magenta (24%)

Yellow (0%)

Black (19%)



Cyan (55%)

Magenta (38%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.1420, 28.0310, -30.8195 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 150.1420, 28.0310, -30.8195 by changing the saturation by 10% instead.

■ 150.1420, 28.0310,
-30.8195

■ 150.1420, 28.0310,
-30.8195

■ 255.0000, 0.0000,
0.0000

■ 123.6150, 27.3048,
-31.2344

■ 203.7570, 25.2628,
-29.6049

■ 97.4900, 26.8734,
-32.8787

■ 229.4510, 12.5957,
-26.7055

■ 71.1690, 27.0317,
-36.9822

■ 246.9270, 3.9800,
-16.5990

■ 46.1470, 27.0425,
-40.4709

■ 31.0840, 22.6366,
-27.2607

■ 16.1350, 18.6674,
-14.1504

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 150.1420, 28.0310,
-30.8195

■ 150.1420, 28.0310,
-30.8195

■ 137.4060, 34.3098,
-38.0671

■ 162.8780, 21.7521,
-23.5720

■ 124.9690, 40.4413,
-44.6998

■ 175.9020, 15.3313,
-17.4541

■ 111.6460, 47.0095,
-51.4325

■ 188.6380, 9.0525,
-10.2065

■ 98.9100, 53.2884,
-58.6801

■ 201.3740, 2.7736,
-2.9590

■ 86.4730, 59.4198,
-65.3128

■ 214.1100, -3.5052,
4.2885

■ 79.3630, 62.9250,
-69.6014

■ 227.1340, -9.9261,
10.4065

■ 238.3750,
-15.4679, 14.5801

■ 244.8320,
-18.6512, 8.9173

■ 249.5280,
-20.9663, 4.7989

Harmonies

Analogous

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



141.9770, 28.1123, -56.9848



150.1420, 28.0310, -30.8195



156.1350, 22.1184, -0.9954

Triad

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



150.1420, 28.0310, -30.8195



155.6590, -12.6499, 44.1491



146.0770, -10.3910, -27.2545

Complementary

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



150.1420, 28.0310, -30.8195



171.8580, -28.0310, 30.8195

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.



149.6580, -21.5234, -3.2081



150.1420, 28.0310, -30.8195



154.6720, -22.5163, 35.3677

Square

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



150.1420, 28.0310, -30.8195



157.5520, -0.2721, 40.7349



152.6500, -25.9565, 18.7239



140.6470, 5.1040, -50.5564

Rectangle

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



150.1420, 28.0310, -30.8195



157.3500, 16.0965, 17.2331



152.6500, -25.9565, 18.7239



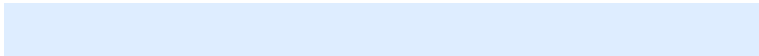
147.2800, -14.9280, -18.6626

Sweetspot

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



150.1420, 28.0310, -30.8195



234.5670, 10.0735, -11.0213



174.5900, -5.2209, -52.2604



114.6770, 6.5682, -6.7327



0.0000, 0.0000, 0.0000



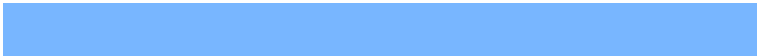
128.0000, 0.0000, 0.0000

Same Dimension

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



150.1420, 28.0310, -30.8195



171.7840, 41.0255, -45.4146



126.3850, 39.7432, -7.3536



98.1890, 3.3578, -3.6738



64.3510, 51.0990, -56.4358



15.8270, 12.4103, -13.8803

Inverse Universe

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



147.2960, 4.7841, 52.3604



167.4330, 7.1815, 76.7963



195.6150, -39.7432, 7.3536



97.8590, 0.5625, 6.2627



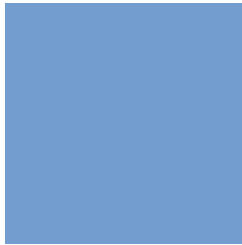
59.0100, 8.8691, 95.5842



14.4250, 2.2555, 23.3063

Previews

White Background



This preview shows how the YUV color 150.1420, 28.0310, -30.8195 looks on a white background.

Color Contrast Check

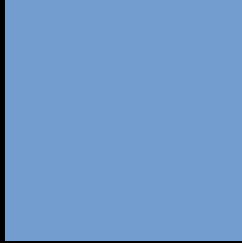
Large Text (above 18pt) WCAG AA × Fail

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 150.1420, 28.0310, -30.8195 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 150.1420, 28.0310, -30.8195 Background



This preview shows how black text looks on a background with the YUV color 150.1420, 28.0310, -30.8195.



This preview shows how white text looks on a background with the YUV color 150.1420, 28.0310,

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

150.1420, 28.0310, -30.8195

Protanopia

153.9270, 24.1930, -13.0910

Deuteranopia

153.3120, 26.9612, -14.3056



Tritanopia

147.4390, 14.0806, -36.3420

Trichromacy



Original Color

150.1420, 28.0310, -30.8195

Protanomaly

152.5240, 25.3777, -19.7535

Deuteranomaly

152.0940, 27.5617, -20.2534

Tritanomaly

148.4160, 19.0219, -34.5678

Monochromacy



Original Color

150.1420, 28.0310, -30.8195

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.2680, 10.2209, -11.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.1420, 28.0310, -30.8195 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(115, 157, 207)` looks like.

```
.text, #text, p{  
    color:rgb(115, 157, 207)  
}
```

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(115, 157, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 157, 207) }
```

Border

The CSS property to change the border of an element to YUV 150.1420, 28.0310, -30.8195 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(115, 157, 207) }
```


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

```
.border{ border-color:rgb(115, 157, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 157, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 157, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 157, 207);  
box-shadow:4px 4px 4px 4px rgb(115, 157,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 150.1420, 28.0310, -30.8195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 157, 207) }
```

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

```
.background{ background-color: rgb(115,  
157, 207) }
```

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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