

Converting Colors

YUV(151.2410, 24.5312,
-28.2754)

Have a look what the booklet for
YUV(151.2410, 24.5312, -28.2754)
contains.

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Color

**YUV(151.2410, 24.5312,
-28.2754)**

Conversions

Conversions Part 1

Format	Color
Hex	779EC9
RGB	119, 158, 201
RGB Percent	47%, 62%, 79%
CMY	0.5333, 0.3804, 0.2118
CMYK	0.41, 0.21, 0.00, 0.21
HSL	211°, 43%, 63%
HSV	211°, 41%, 79%
XYZ	30.3772, 32.5927, 59.9483
YIQ	151.2410, -37.0470, 5.1050

Conversions

Conversions Part 2

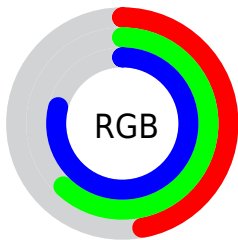
Format	Color
RYB	119, 145, 201
Decimal	7839433
CIELab	63.83, -2.24, -26.28
CIELCh	64, 26.379, 265.128
Yxy	32.5927, 0.2471, 0.2652
Android (android.graphics.Color)	4286029513 (0xFF779EC9)
YUV	151.2410, 24.5312, -28.2754
Hunter-Lab	57.0900, -4.9289, -22.2954

Details

The YUV color **151.2410, 24.5312, -28.2754** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **168.7590, -24.5312, 28.2754**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.5400, 24.3838, -27.6606**, and **99.0020, 23.6630, -29.8198** is the 20% darker color. If you saturate the color by 10%, you get **138.8040, 30.6626, -34.9081**, and if you desaturate by 10%, it is **163.6780, 18.3997, -21.6426**.

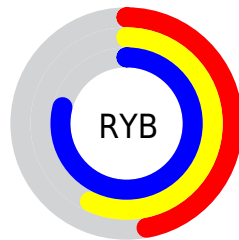
Distribution



Red (47%)

Green (62%)

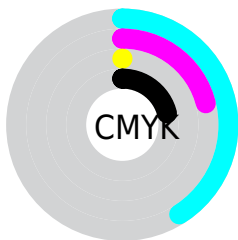
Blue (79%)



Red (47%)

Yellow (57%)

Blue (79%)

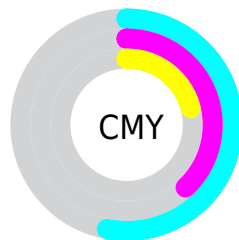


Cyan (41%)

Magenta (21%)

Yellow (0%)

Black (21%)



Cyan (53%)

Magenta (38%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.2410, 24.5312, -28.2754 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 151.2410, 24.5312, -28.2754 by changing the saturation by 10% instead.

■ 151.2410, 24.5312,
-28.2754

■ 151.2410, 24.5312,
-28.2754

■ 255.0000, 0.0000,
0.0000

■ 124.8280, 24.2418,
-28.7902

■ 205.5400, 24.3838,
-27.6606

■ 99.0020, 23.6630,
-29.8198

■ 230.9350, 11.8640,
-25.3760

■ 73.5780, 23.3790,
-32.0789

■ 247.8240, 3.5378,
-14.7546

■ 46.1640, 24.5691,
-40.4858

■ 30.5140, 20.4526,
-26.7608

■ 16.1520, 16.1941,
-14.1653

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 151.2410, 24.5312,
-28.2754

■ 151.2410, 24.5312,
-28.2754

■ 138.8040, 30.6626,
-34.9081

■ 163.6780, 18.3997,
-21.6426

■ 126.9540, 36.5047,
-42.0557

■ 175.5280, 12.5577,
-14.4951

■ 114.5170, 42.6361,
-48.6884

■ 187.9650, 6.4263,
-7.8623

■ 102.6670, 48.4782,
-55.8360

■ 199.8150, 0.5842,
-0.7148

■ 89.9310, 54.7570,
-63.0835

■ 212.5510, -5.6946,
6.5328

■ 79.2660, 60.0149,
-69.5163

■ 224.4010,
-11.5367, 13.6803

■ 235.3430,
-16.9311, 17.2392

■ 241.2130,
-19.8250, 12.0912

■ 247.6700,
-23.0083, 6.4284

Harmonies

Analogous

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



145.0660, 23.1385, -48.2929



151.2410, 24.5312, -28.2754



156.2550, 20.0873, -2.8546

Triad

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



151.2410, 24.5312, -28.2754



156.9080, -10.3076, 39.5457



148.4090, -10.5546, -21.4067

Complementary

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



151.2410, 24.5312, -28.2754



168.7590, -24.5312, 28.2754

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.



151.2500, -19.3502, -0.2193



151.2410, 24.5312, -28.2754



155.5730, -19.0165, 32.8235

Square

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



151.2410, 24.5312, -28.2754



158.3340, 0.3283, 34.7871



153.8610, -22.6095, 18.5389



144.4310, 2.7455, -40.7200

Rectangle

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



151.2410, 24.5312, -28.2754



158.2740, 14.6549, 12.9147



153.8610, -22.6095, 18.5389



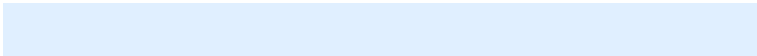
149.2420, -13.9233, -14.2442

Sweetspot

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



151.2410, 24.5312, -28.2754



236.3390, 9.1999, -10.8213



171.9220, -5.3845, -46.4126



116.7480, 5.5472, -5.9180



0.0000, 0.0000, 0.0000



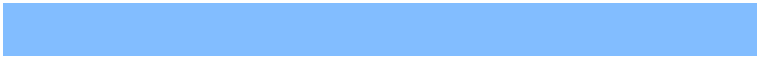
128.0000, 0.0000, 0.0000

Same Dimension

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



151.2410, 24.5312, -28.2754



178.8830, 37.5257, -42.8704



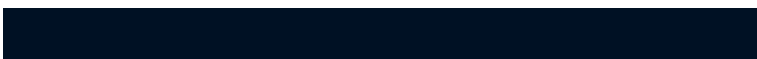
128.6470, 35.6700, -7.5834



93.3740, 2.7736, -2.9590



64.3680, 48.6256, -56.4507



14.0830, 10.8051, -12.3508

Inverse Universe

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



147.9640, 4.9477, 46.5126



174.1010, 7.3452, 70.9484



191.3530, -35.6700, 7.5834



93.1470, 0.4205, 5.1331



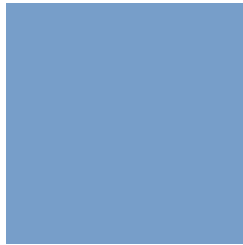
57.6290, 10.0429, 92.4104



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 151.2410, 24.5312, -28.2754 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 151.2410, 24.5312, -28.2754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

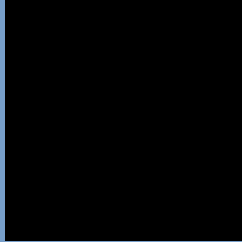
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.2410, 24.5312, -28.2754

Background



This preview shows how black text looks on a background with the YUV color 151.2410, 24.5312, -28.2754.



This preview shows how white text looks on a background with the YUV color 151.2410, 24.5312, -28.2754.

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

151.2410, 24.5312, -28.2754

Protanopia

154.4390, 20.9826, -10.0320

Deuteranopia

155.0090, 23.1666, -10.5319



Tritanopia

149.2330, 13.1961, -32.6533

Trichromacy



Original Color

151.2410, 24.5312, -28.2754

Protanomaly

153.0360, 22.1673, -16.6946

Deuteranomaly

153.4920, 23.9144, -17.0945

Tritanomaly

149.9820, 17.2639, -30.6792

Monochromacy



Original Color

151.2410, 24.5312, -28.2754

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.2250, 8.7631, -10.7213

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.2410, 24.5312, -28.2754 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(119, 158, 201)` looks like.

```
.text, #text, p{  
    color:rgb(119, 158, 201)  
}
```

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(119, 158, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 158, 201) }
```

Border

The CSS property to change the border of an element to YUV 151.2410, 24.5312, -28.2754 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(119, 158, 201) }
```


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

```
.border{ border-color:rgb(119, 158, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 158, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 158, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 158, 201);  
box-shadow:4px 4px 4px 4px rgb(119, 158,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 151.2410, 24.5312, -28.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 158, 201) }
```

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

```
.background{ background-color: rgb(119,  
158, 201) }
```

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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