

Converting Colors

YUV(150.2450, 51.6442,
-91.4229)

Have a look what the booklet for
YUV(150.2450, 51.6442, -91.4229)
contains.

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Color

**YUV(150.2450, 51.6442,
-91.4229)**

Conversions

Conversions Part 1

Format	Color
Hex	2EB7FF
RGB	46, 183, 255
RGB Percent	18%, 72%, 100%
CMY	0.8196, 0.2824, 0.0000
CMYK	0.82, 0.28, 0.00, 0.00
HSL	201°, 100%, 59%
HSV	201°, 82%, 100%
XYZ	36.1102, 41.6678, 100.7472
YIQ	150.2450, -104.7640, -6.6520

Conversions

Conversions Part 2

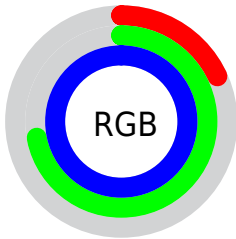
Format	Color
RYB	46, 129, 255
Decimal	3061759
CIELab	70.64, -11.32, -45.51
CIELCh	71, 46.895, 256.029
Yxy	41.6678, 0.2023, 0.2334
Android (android.graphics.Color)	4281251839 (0xFF2EB7FF)
YUV	150.2450, 51.6442, -91.4229
Hunter-Lab	64.5506, -13.1090, -47.3513

Details

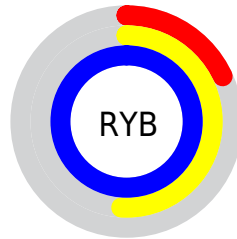
The YUV color **150.2450, 51.6442, -91.4229** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **150.7550, -51.6442, 91.4229**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0370, 23.6458, -71.0694**, and **98.8820, 48.8652, -86.7195** is the 20% darker color. If you saturate the color by 10%, you get **137.4870, 57.9339, -102.1591**, and if you desaturate by 10%, it is **163.3020, 45.2071, -80.0719**.

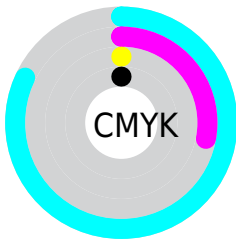
Distribution



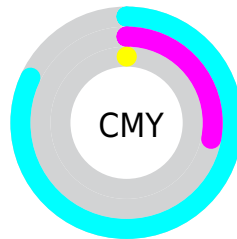
- Red (18%)
- Green (72%)
- Blue (100%)



- Red (18%)
- Yellow (51%)
- Blue (100%)



- Cyan (82%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.2450, 51.6442, -91.4229 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 150.2450, 51.6442, -91.4229 by changing the saturation by 10% instead.

150.2450, 51.6442,
-91.4229

150.2450, 51.6442,
-91.4229

255.0000, 0.0000,
0.0000

117.3360, 53.5714,
-102.9037

207.0370, 23.6458,
-71.0694

98.8820, 48.8652,
-86.7195

225.9970, 14.2985,
-59.6334

81.0150, 43.8696,
-71.0502

235.5650, 9.5815,
-39.9605

63.9630, 39.4582,
-56.0956

245.1330, 4.8644,
-20.2876

48.0850, 34.4681,
-42.1705

254.4020, 0.2948,
-1.2296

32.2070, 29.4779,
-28.2455

14.7960, 26.2296,

-12.9761

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 150.2450, 51.6442,
-91.4229

■ 150.2450, 51.6442,
-91.4229

■ 137.4870, 57.9339,
-102.1591

■ 163.3020, 45.2071,
-80.0719

■ 127.0990, 63.0552,
-111.4658

■ 176.0600, 38.9174,
-69.3356

■ 188.5300, 32.7697,
-57.4698

■ 201.2880, 26.4800,
-46.7336

■ 214.3450, 20.0429,
-35.3826

■ 227.1030, 13.7532,
-24.6463

■ 239.5730, 7.6055,
-12.7805

■ 252.3310, 1.3158,
-2.0443

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



139.2660, 46.2109, -122.1363



150.2450, 51.6442, -91.4229



171.6280, 41.1024, -23.3528

Triad

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



150.2450, 51.6442, -91.4229



174.1660, -11.4208, 70.0144



161.3960, -24.3522, -29.2883

Complementary

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



150.2450, 51.6442, -91.4229



150.7550, -51.6442, 91.4229

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.



167.4410, -39.1644, 8.3832



150.2450, 51.6442, -91.4229



172.7140, -29.4390, 62.5178

Square

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



150.2450, 51.6442, -91.4229



176.7680, 8.9884, 57.2085



170.4110, -40.1356, 39.9816



149.9290, 0.5280, -76.2367

Rectangle

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



150.2450, 51.6442, -91.4229



176.5460, 32.2688, 10.0452



170.4110, -40.1356, 39.9816



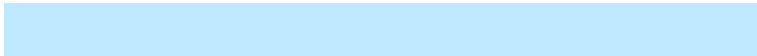
163.5780, -30.3580, -16.2929

Sweetspot

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



150.2450, 51.6442, -91.4229



222.9500, 15.8007, -28.0201



176.6630, -29.9069, -114.5915



108.1210, 9.8003, -16.7691



0.0000, 0.0000, 0.0000



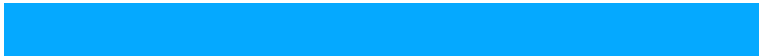
128.0000, 0.0000, 0.0000

Same Dimension

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



150.2450, 51.6442, -91.4229



129.7680, 61.7394, -109.4215



90.3710, 81.1621, -38.9134



121.1780, 3.3632, -5.4181



95.1490, 47.2545, -83.4457



31.9500, 15.8006, -28.0202

Inverse Universe

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



124.1090, 29.0333, 114.7914



98.4460, 34.7831, 137.2979



210.6290, -81.1621, 38.9134



119.7990, 1.5781, 7.1923



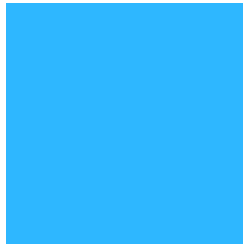
71.3590, 26.4450, 104.9252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 150.2450, 51.6442, -91.4229 looks on a white background.

Color Contrast Check

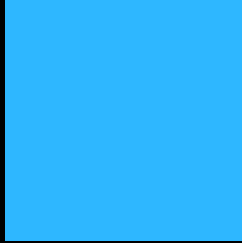
Large Text (above 18pt) WCAG AA × Fail

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 150.2450, 51.6442, -91.4229 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

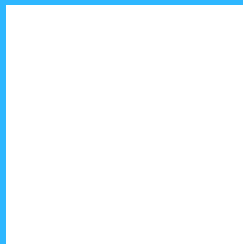
Any Text WCAG AAA ✓ Pass

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

YUV 150.2450, 51.6442, -91.4229 Background



This preview shows how black text looks on a background with the YUV color 150.2450, 51.6442, -91.4229.

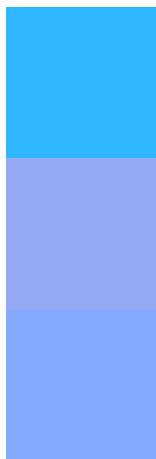


This preview shows how white text looks on a background with the YUV color 150.2450, 51.6442, -91.4229.

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

150.2450, 51.6442, -91.4229

Protanopia

171.1570, 35.4186, -20.3087

Deuteranopia

169.2140, 42.2925, -31.7597



Tritanopia

135.4870, 34.2699, -118.8221

Trichromacy



Original Color

150.2450, 51.6442, -91.4229

Protanomaly

163.4850, 41.1729, -46.0293

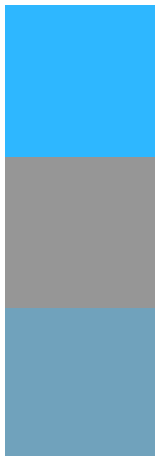
Deuteranomaly

161.9940, 45.8520, -53.4917

Tritanomaly

140.8610, 40.4945, -108.6261

Monochromacy



Original Color

150.2450, 51.6442, -91.4229

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0140, 18.7271, -33.3383

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.2450, 51.6442, -91.4229 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(46, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(46, 183, 255)  
}
```

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(46, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 183, 255) }
```

Border

The CSS property to change the border of an element to YUV 150.2450, 51.6442, -91.4229 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(46, 183, 255) }
```


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

```
.border{ border-color:rgb(46, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(46, 183,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 150.2450, 51.6442, -91.4229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 183, 255) }
```

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

```
.background{ background-color: rgb(46, 183,  
255) }
```

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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