

Converting Colors

YUV(150.8290, 26.2133,
-7.7430)

Have a look what the booklet for
YUV(150.8290, 26.2133, -7.7430)
contains.

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Color

**YUV(150.8290, 26.2133,
-7.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	8E91CC
RGB	142, 145, 204
RGB Percent	56%, 57%, 80%
CMY	0.4431, 0.4314, 0.2000
CMYK	0.30, 0.29, 0.00, 0.20
HSL	237°, 38%, 68%
HSV	237°, 30%, 80%
XYZ	32.1798, 30.3612, 61.2910
YIQ	150.8290, -20.7270, 17.7130

Conversions

Conversions Part 2

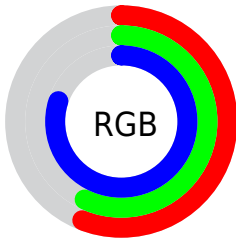
Format	Color
R_{YB}	142, 145, 204
Decimal	9343436
CIE _{Lab}	61.96, 12.43, -30.71
CIE _{LCh}	62, 33.135, 292.035
Yxy	30.3612, 0.2599, 0.2452
Android (android.graphics.Color)	4287533516 (0xFF8E91CC)
YUV	150.8290, 26.2133, -7.7430
Hunter-Lab	55.1010, 7.8199, -27.3798

Details

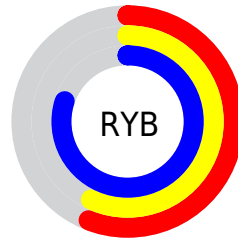
The YUV color $150.8290, 26.2133, -7.7430$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $195.1710, -26.2133, 7.7430$, and the grayscale version is $151.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $204.7860, 24.7555, -6.8283$, and $99.7750, 24.7609, -8.5727$ is the 20% darker color. If you saturate the color by 10%, you get $133.6960, 34.6599, -10.2574$, and if you desaturate by 10%, it is $167.9620, 17.7667, -5.2287$.

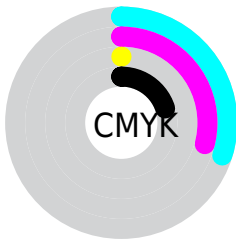
Distribution



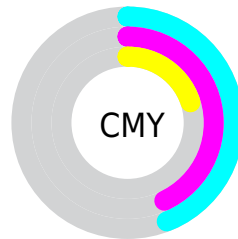
- Red (56%)
- Green (57%)
- Blue (80%)



- Red (56%)
- Yellow (57%)
- Blue (80%)



- Cyan (30%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.8290, 26.2133, -7.7430 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 150.8290, 26.2133, -7.7430 by changing the saturation by 10% instead.

■ 150.8290, 26.2133,
-7.7430

■ 150.8290, 26.2133,
-7.7430

255.0000, 0.0000,
0.0000

■ 124.6010, 25.3397,
-7.5431

■ 204.7860, 24.7555,
-6.8283

■ 99.7750, 24.7609,
-8.5727

■ 229.5940, 12.5252,
-4.0289

■ 74.9490, 24.1821,
-9.6023

254.7010, 0.1474,
-0.6148

■ 51.5960, 22.8772,
-11.0467

■ 27.8620, 22.7460,
-15.6650

■ 6.9880, 21.6979,
-6.1285

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 150.8290, 26.2133,
-7.7430

■ 150.8290, 26.2133,
-7.7430

■ 133.6960, 34.6599,
-10.2574

■ 167.9620, 17.7667,
-5.2287

■ 115.6770, 43.5432,
-12.8717

■ 185.9810, 8.8834,
-2.6143

■ 98.5440, 51.9898,
-15.3861

■ 203.1140, 0.4368,
-0.1000

■ 80.5250, 60.8732,
-18.0004

■ 221.1330, -8.4466,
2.5144

■ 63.3920, 69.3197,
-20.5148

■ 238.2660,
-16.8931, 5.0287

■ 46.2590, 77.7663,
-23.0291

■ 249.1860,
-22.2767, 5.0989

■ 29.1260, 86.2129,
-25.5435

Harmonies

Analogous

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



142.9880, 31.5579, -42.0855



150.8290, 26.2133, -7.7430



153.9700, 15.7908, 21.9513

Triad

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



150.8290, 26.2133, -7.7430



150.4170, -22.3906, 41.7303



135.6530, 2.6361, -52.3157

Complementary

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



150.8290, 26.2133, -7.7430



195.1710, -26.2133, 7.7430

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.



141.1760, -13.8908, -24.7104



150.8290, 26.2133, -7.7430



148.1130, -28.1567, 24.4569

Square

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



150.8290, 26.2133, -7.7430



151.7350, -11.2084, 48.4674



145.6540, -25.4654, 1.1804



128.0100, 21.1941, -78.0618

Rectangle

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



150.8290, 26.2133, -7.7430



153.5930, 7.5957, 37.1909



145.6540, -25.4654, 1.1804



137.8130, -3.3588, -42.8090

Sweetspot

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



150.8290, 26.2133, -7.7430



235.2090, 9.7570, -2.8143



185.1200, 7.8288, -37.8162



115.2970, 6.2626, -2.0145



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.



150.8290, 26.2133, -7.7430



176.4230, 38.7385, -11.7720



157.4400, 22.9541, 11.0151



93.1400, 4.3680, -0.9998



23.6200, 70.1933, -20.7147



5.5060, 16.0195, -4.8288

Inverse Universe

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



160.8800, -7.8288, 37.8162



191.0780, -11.3775, 56.0596



188.5600, -22.9541, -11.0151



94.9900, -1.4741, 6.1478



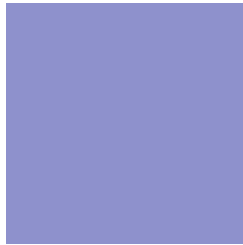
50.5460, -20.9752, 101.2532



11.5900, -4.7279, 23.1616

Previews

White Background



This preview shows how the YUV color 150.8290, 26.2133, -7.7430 looks on a white background.

Color Contrast Check

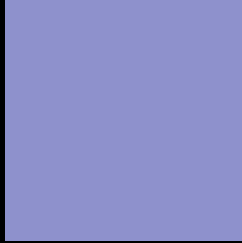
Large Text (above 18pt) WCAG AA × Fail

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 150.8290, 26.2133, -7.7430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

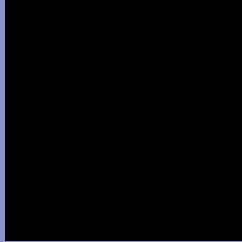
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.8290, 26.2133, -7.7430

Background



This preview shows how black text looks on a background with the YUV color 150.8290, 26.2133, -7.7430.



This preview shows how white text looks on a background with the YUV color 150.8290, 26.2133, -7.7430.

-7.7430.

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

150.8290, 26.2133, -7.7430

Protanopia

149.8280, 27.6928, -15.6352

Deuteranopia

150.0840, 26.0876, -14.1057



Tritanopia

148.6870, 8.0423, -12.8805

Trichromacy



Original Color

150.8290, 26.2133, -7.7430

Protanomaly

150.3230, 26.9558, -12.5613

Deuteranomaly

150.3940, 25.9348, -11.7465

Tritanomaly

149.4190, 14.5834, -10.8915

Monochromacy



Original Color

150.8290, 26.2133, -7.7430

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0950, 9.3202, -2.7143

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.8290, 26.2133, -7.7430 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(142, 145, 204)` looks like.

```
.text, #text, p{  
    color:rgb(142, 145, 204)  
}
```

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(142, 145, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 145, 204) }
```

Border

The CSS property to change the border of an element to YUV 150.8290, 26.2133, -7.7430 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(142, 145, 204) }
```


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

```
.border{ border-color:rgb(142, 145, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 145, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 145, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 145, 204);  
box-shadow:4px 4px 4px 4px rgb(142, 145,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 150.8290, 26.2133, -7.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 145, 204) }
```

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

```
.background{ background-color: rgb(142,  
145, 204) }
```

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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