

Converting Colors

YUV(148.4800, 28.8504,
-13.5760)

Have a look what the booklet for
YUV(148.4800, 28.8504, -13.5760)
contains.

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Color

**YUV(148.4800, 28.8504,
-13.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	8591CF
RGB	133, 145, 207
RGB Percent	52%, 57%, 81%
CMY	0.4784, 0.4314, 0.1882
CMYK	0.36, 0.30, 0.00, 0.19
HSL	230°, 44%, 67%
HSV	230°, 36%, 81%
XYZ	31.0608, 29.7423, 63.1353
YIQ	148.4800, -27.0540, 16.7380

Conversions

Conversions Part 2

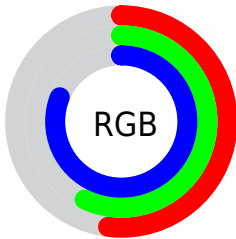
Format	Color
R _Y B	133, 143, 207
Decimal	8753615
CIE Lab	61.43, 10.64, -33.27
CIE LCh	61, 34.935, 287.737
Yxy	29.7423, 0.2506, 0.2400
Android (android.graphics.Color)	4286943695 (0xFF8591CF)
YUV	148.4800, 28.8504, -13.5760
Hunter-Lab	54.5365, 6.2240, -30.4626

Details

The YUV color **148.4800, 28.8504, -13.5760** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **191.5200, -28.8504, 13.5760**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.0950, 26.0822, -12.3613**, and **97.0130, 27.1086, -14.9204** is the 20% darker color. If you saturate the color by 10%, you get **132.2220, 36.8656, -17.7347**, and if you desaturate by 10%, it is **164.7380, 20.8352, -9.4172**.

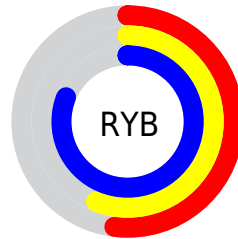
Distribution



Red (52%)

Green (57%)

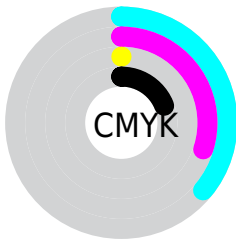
Blue (81%)



Red (52%)

Yellow (56%)

Blue (81%)

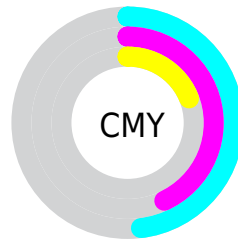


Cyan (36%)

Magenta (30%)

Yellow (0%)

Black (19%)



Cyan (48%)

Magenta (43%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.4800, 28.8504, -13.5760 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 148.4800, 28.8504, -13.5760 by changing the saturation by 10% instead.

■ 148.4800, 28.8504,
-13.5760

■ 148.4800, 28.8504,
-13.5760

255.0000, 0.0000,
0.0000

■ 121.9530, 28.1242,
-13.9908

■ 202.0950, 26.0822,
-12.3613

■ 97.0130, 27.1086,
-14.9204

■ 227.2020, 13.7044,
-8.9472

■ 72.1870, 26.5298,
-15.9500

■ 252.3090, 1.3267,
-5.5330

■ 48.0510, 26.1039,
-19.3387

■ 25.8010, 25.2411,
-22.6275

■ 6.7430, 23.2977,
-5.9136

■ 4.8220, 13.3988,

-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 148.4800, 28.8504,
-13.5760

■ 148.4800, 28.8504,
-13.5760

■ 132.2220, 36.8656,
-17.7347

■ 164.7380, 20.8352,
-9.4172

■ 115.6760, 45.0227,
-20.7639

■ 181.2840, 12.6780,
-6.3881

■ 99.4180, 53.0379,
-24.9226

■ 197.5420, 4.6628,
-2.2293

■ 83.1600, 61.0531,
-29.0813

■ 213.8000, -3.3524,
1.9294

■ 66.6140, 69.2103,
-32.1105

■ 230.3460,
-11.5096, 4.9586

■ 50.3560, 77.2255,
-36.2692

■ 246.0060,
-19.2300, 7.8877

■ 43.5560, 80.5779,
-38.1986

■ 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.



138.6170, 34.2058, -51.4071



148.4800, 28.8504, -13.5760



152.6430, 18.4170, 19.6071

Triad

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



148.4800, 28.8504, -13.5760



149.4390, -22.4014, 45.2190



133.9690, 0.0153, -51.7158

Complementary

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



148.4800, 28.8504, -13.5760



191.5200, -28.8504, 13.5760

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.



140.3890, -16.9538, -22.2662



148.4800, 28.8504, -13.5760



147.2060, -29.1886, 28.7603

Square

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



148.4800, 28.8504, -13.5760



150.8000, -9.7614, 51.0414



144.1060, -27.6603, 5.1690



122.3570, 21.5160, -88.0131

Rectangle

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



148.4800, 28.8504, -13.5760



152.7500, 9.4902, 36.1763



144.1060, -27.6603, 5.1690



136.4280, -6.1270, -41.5944

Sweetspot

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



148.4800, 28.8504, -13.5760



232.5400, 11.0728, -4.8586



183.5060, 5.6665, -44.2938



114.6990, 6.5574, -3.2440



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.



148.4800, 28.8504, -13.5760



168.1060, 42.8387, -20.2640



148.9110, 28.6379, 7.9711



96.4280, 4.2260, -2.1294



35.0010, 65.5685, -30.6959



8.7830, 15.8830, -7.7027

Inverse Universe

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



156.4940, -5.6665, 44.2938



179.9420, -8.3524, 65.8259



191.0890, -28.6379, -7.9711



97.5170, -0.7479, 6.5626



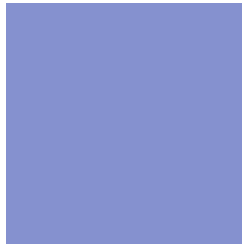
53.3100, -12.9708, 100.5831



13.0570, -2.9861, 24.5060

Previews

White Background



This preview shows how the YUV color 148.4800, 28.8504, -13.5760 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 148.4800, 28.8504, -13.5760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

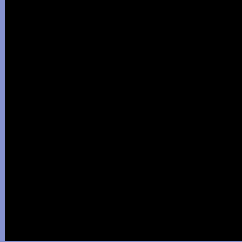
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.4800, 28.8504, -13.5760

Background



This preview shows how black text looks on a background with the YUV color 148.4800, 28.8504, -13.5760.



This preview shows how white text looks on a background with the YUV color 148.4800, 28.8504, -13.5760.

-13.5760.

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

148.4800, 28.8504, -13.5760

Protanopia

147.9850, 29.5874, -16.6498

Deuteranopia

147.5720, 29.2980, -17.1646



Tritanopia

145.3980, 9.6638, -19.6430

Trichromacy



Original Color

148.4800, 28.8504, -13.5760

Protanomaly

148.2840, 29.4400, -16.0351

Deuteranomaly

148.1700, 29.0032, -15.9351

Tritanomaly

146.5430, 16.4943, -17.1392

Monochromacy



Original Color

148.4800, 28.8504, -13.5760

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.3120, 10.1992, -4.6586

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.4800, 28.8504, -13.5760 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(133, 145, 207)` looks like.

```
.text, #text, p{  
    color:rgb(133, 145, 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(133, 145, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 145, 207) }
```

Border

The CSS property to change the border of an element to YUV 148.4800, 28.8504, -13.5760 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(133, 145, 207) }
```


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

```
.border{ border-color:rgb(133, 145, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 145, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 145, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 145, 207);  
box-shadow:4px 4px 4px 4px rgb(133, 145,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 148.4800, 28.8504, -13.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 145, 207) }
```

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

```
.background{ background-color: rgb(133,  
145, 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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