

Converting Colors

YUV(147.5370, 35.7243,
-25.0269)

Have a look what the booklet for
YUV(147.5370, 35.7243, -25.0269)
contains.

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Color

**YUV(147.5370, 35.7243,
-25.0269)**

Conversions

Conversions Part 1

Format	Color
Hex	7794DC
RGB	119, 148, 220
RGB Percent	47%, 58%, 86%
CMY	0.5333, 0.4196, 0.1373
CMYK	0.46, 0.33, 0.00, 0.14
HSL	223°, 59%, 66%
HSV	223°, 46%, 86%
XYZ	31.1159, 30.2691, 71.9127
YIQ	147.5370, -40.3960, 16.2440

Conversions

Conversions Part 2

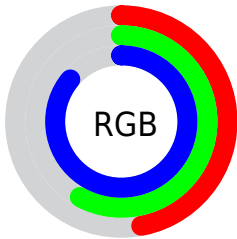
Format	Color
R _Y B	119, 142, 220
Decimal	7836892
CIE Lab	61.89, 8.89, -39.89
CIE LCh	62, 40.865, 282.562
Yxy	30.2691, 0.2334, 0.2271
Android (android.graphics.Color)	4286026972 (0xFF7794DC)
YUV	147.5370, 35.7243, -25.0269
Hunter-Lab	55.0173, 4.6732, -38.9853

Details

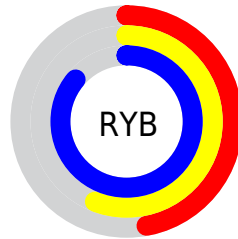
The YUV color **147.5370, 35.7243, -25.0269** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **191.4630, -35.7243, 25.0269**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.9690, 27.1303, -21.8978**, and **95.1730, 34.4247, -28.2157** is the 20% darker color. If you saturate the color by 10%, you get **131.5670, 43.5975, -30.3153**, and if you desaturate by 10%, it is **163.5070, 27.8510, -19.7386**.

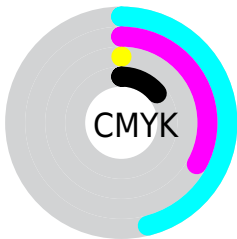
Distribution



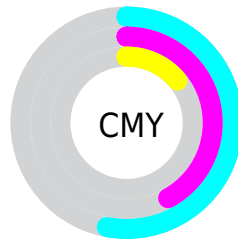
- Red (47%)
- Green (58%)
- Blue (86%)



- Red (47%)
- Yellow (56%)
- Blue (86%)



- Cyan (46%)
- Magenta (33%)
- Yellow (0%)
- Black (14%)



- Cyan (53%)
- Magenta (42%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.5370, 35.7243, -25.0269 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 147.5370, 35.7243, -25.0269 by changing the saturation by 10% instead.

■ 147.5370, 35.7243,
-25.0269

■ 147.5370, 35.7243,
-25.0269

■ 255.0000, 0.0000,
0.0000

■ 120.7110, 35.1455,
-26.0565

■ 199.9690, 27.1303,
-21.8978

■ 95.1730, 34.4247,
-28.2157

■ 225.0760, 14.7525,
-18.4837

■ 68.1400, 34.4410,
-33.4488

■ 248.4220, 3.2430,
-13.5251

■ 43.2920, 33.8730,
-37.9671

■ 28.1150, 29.0303,
-24.6569

■ 10.8180, 26.2187,
-9.4874

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 147.5370, 35.7243,
-25.0269

■ 147.5370, 35.7243,
-25.0269

■ 131.5670, 43.5975,
-30.3153

■ 163.5070, 27.8510,
-19.7386

■ 116.1840, 51.1813,
-36.1184

■ 178.8900, 20.2672,
-13.9355

■ 100.2140, 59.0545,
-41.4067

■ 194.8600, 12.3940,
-8.6472

■ 84.2440, 66.9277,
-46.6950

■ 210.8300, 4.5208,
-3.3589

■ 68.8610, 74.5115,
-52.4981

■ 226.2130, -3.0630,
2.4442

■ 62.0610, 77.8639,
-54.4275

■ 242.1830,
-10.9362, 7.7325

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



128.3510, 44.1970, -82.7458



147.5370, 35.7243, -25.0269



153.5270, 24.3902, 17.0778

Triad

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



147.5370, 35.7243, -25.0269



149.5650, -23.4495, 54.7555



132.2410, -2.5838, -58.0934

Complementary

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



147.5370, 35.7243, -25.0269



191.4630, -35.7243, 25.0269

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.



140.3200, -22.3428, -20.4516



147.5370, 35.7243, -25.0269



148.1100, -33.5782, 36.7375

Square

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



147.5370, 35.7243, -25.0269



151.4250, -7.6045, 59.2633



144.9450, -33.4969, 10.5722



117.3120, 23.0172, -102.8826

Rectangle

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



147.5370, 35.7243, -25.0269



153.8410, 14.8684, 37.8504



144.9450, -33.4969, 10.5722



135.3800, -10.0473, -44.1833

Sweetspot

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



147.5370, 35.7243, -25.0269



229.5610, 12.5414, -9.2620



186.3810, 1.7842, -59.0931



112.0300, 7.8732, -5.2883



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.



147.5370, 35.7243, -25.0269



154.4400, 49.5761, -34.5889



136.4940, 41.1685, 2.1978



102.0150, 3.9366, -2.6442



49.0720, 61.0965, -43.0361



12.8750, 16.3306, -11.2914

Inverse Universe

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



152.5050, -2.2210, 59.1931



161.4200, -3.1651, 82.0697



202.5060, -41.1685, -2.1978



102.6310, -0.3111, 6.4626



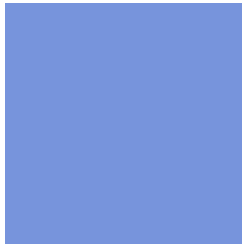
57.4270, -3.6615, 101.3575



15.2360, -1.1023, 26.9800

Previews

White Background



This preview shows how the YUV color 147.5370, 35.7243, -25.0269 looks on a white background.

Color Contrast Check

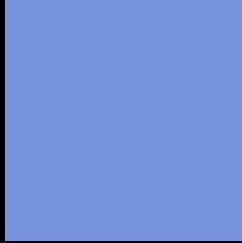
Large Text (above 18pt) WCAG AA × Fail

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 147.5370, 35.7243, -25.0269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

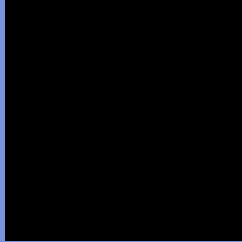
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 147.5370, 35.7243, -25.0269

Background



This preview shows how black text looks on a background with the YUV color 147.5370, 35.7243, -25.0269.



This preview shows how white text looks on a background with the YUV color 147.5370, 35.7243, -25.0269.

-25.0269.

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

147.5370, 35.7243, -25.0269

Protanopia

148.6300, 34.6924, -20.7235

Deuteranopia

147.2380, 35.8717, -25.6417



Tritanopia

143.5210, 13.0541, -33.7829

Trichromacy



Original Color

147.5370, 35.7243, -25.0269

Protanomaly

148.0320, 34.9872, -21.9531

Deuteranomaly

147.2380, 35.8717, -25.6417

Tritanomaly

144.7200, 21.3370, -30.4494

Monochromacy



Original Color

147.5370, 35.7243, -25.0269

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.6750, 12.9782, -9.3620

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.5370, 35.7243, -25.0269 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, 148, 220)` looks like.

```
.text, #text, p{  
    color:rgb(119, 148, 220)  
}
```

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, 148, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 148, 220) }
```

Border

The CSS property to change the border of an element to YUV 147.5370, 35.7243, -25.0269 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, 148, 220) }
```


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

```
.border{ border-color:rgb(119, 148, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 148, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 148, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 148, 220);  
box-shadow:4px 4px 4px 4px rgb(119, 148,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 147.5370, 35.7243, -25.0269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 148, 220) }
```

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

```
.background{ background-color: rgb(119,  
148, 220) }
```

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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