

Converting Colors

YUV(158.5950, 31.2587, 7.3712)

Have a look what the booklet for
YUV(158.5950, 31.2587, 7.3712)
contains.

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Color

**YUV(158.5950, 31.2587,
7.3712)**

Conversions

Conversions Part 1

Format	Color
Hex	A78EDE
RGB	167, 142, 222
RGB Percent	65%, 56%, 87%
CMY	0.3451, 0.4431, 0.1294
CMYK	0.25, 0.36, 0.00, 0.13
HSL	259°, 55%, 71%
HSV	259°, 36%, 87%
XYZ	38.7942, 32.8354, 73.4004
YIQ	158.5950, -10.7800, 30.1800

Conversions

Conversions Part 2

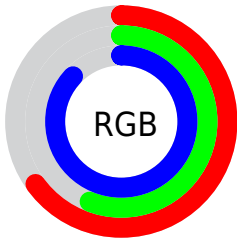
Format	Color
R_{YB}	167, 142, 222
Decimal	10981086
CIE _{Lab}	64.03, 25.94, -37.39
CIE _{LCh}	64, 45.507, 304.759
Yxy	32.8354, 0.2675, 0.2264
Android (android.graphics.Color)	4289171166 (0xFFA78EDE)
YUV	158.5950, 31.2587, 7.3712
Hunter-Lab	57.3022, 20.5675, -35.8351

Details

The YUV color **158.5950, 31.2587, 7.3712** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **205.4050, -31.2587, -7.3712**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7990, 21.7911, 10.7003**, and **106.1280, 29.5169, 6.0267** is the 20% darker color. If you saturate the color by 10%, you get **141.1960, 39.8364, 9.4751**, and if you desaturate by 10%, it is **175.9940, 22.6810, 5.2673**.

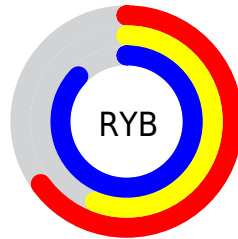
Distribution



Red (65%)

Green (56%)

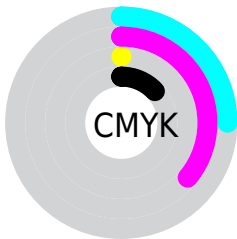
Blue (87%)



Red (65%)

Yellow (56%)

Blue (87%)

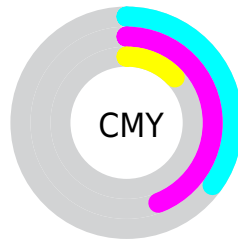


Cyan (25%)

Magenta (36%)

Yellow (0%)

Black (13%)



Cyan (35%)

Magenta (44%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.5950, 31.2587, 7.3712 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 158.5950, 31.2587, 7.3712 by changing the saturation by 10% instead.

■ 158.5950, 31.2587,
7.3712

■ 158.5950, 31.2587,
7.3712

255.0000, 0.0000,
0.0000

■ 132.0680, 30.5325,
6.9564

■ 210.7990, 21.7911,
10.7003

■ 106.1280, 29.5169,
6.0267

■ 235.9060, 9.4133,
14.1144

■ 81.8890, 28.6487,
4.4823

■ 253.8260, 0.5788,
1.0296

■ 57.9490, 27.6331,
3.5527

■ 34.9980, 26.6230,
0.8788

■ 10.1010, 27.0652,
-0.9656

■ 6.5490, 17.4773,

-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 158.5950, 31.2587,
7.3712

■ 158.5950, 31.2587,
7.3712

■ 141.1960, 39.8364,
9.4751

■ 175.9940, 22.6810,
5.2673

■ 123.4980, 48.5615,
10.9643

■ 193.6920, 13.9558,
3.7781

■ 105.5120, 57.4286,
13.5830

■ 211.6780, 5.0887,
1.1594

■ 88.1130, 66.0063,
15.6869

■ 229.0770, -3.4890,
-0.9445

70.7140, 74.5840,
17.7908

246.4760,
-12.0667, -3.0485

53.0160, 83.3091,
19.2800

251.2380,
-14.4143, 3.2993

45.9390, 86.7981,
20.2245

Harmonies

Analogous

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



148.3650, 43.2041, -44.1701



158.5950, 31.2587, 7.3712



159.4120, 15.5729, 45.2427

Triad

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



158.5950, 31.2587, 7.3712



154.0080, -35.4999, 46.4740



121.6660, 19.3917, -106.7011

Complementary

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



158.5950, 31.2587, 7.3712



205.4050, -31.2587, -7.3712

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.



137.8410, -9.2886, -54.2346



158.5950, 31.2587, 7.3712



150.9200, -38.9076, 19.3642

Square

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



158.5950, 31.2587, 7.3712



155.3750, -21.8769, 63.6921



146.4150, -29.7846, -13.5190



125.5250, 36.7162, -110.0854

Rectangle

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



158.5950, 31.2587, 7.3712



158.1830, 2.8678, 60.3525



146.4150, -29.7846, -13.5190



119.3690, 13.1291, -104.6866

Sweetspot

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



158.5950, 31.2587, 7.3712



232.8830, 10.9037, 2.7336



183.9920, 18.7379, -36.8270



114.4330, 6.6885, 1.3743



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.



158.5950, 31.2587, 7.3712



168.0050, 42.8885, 10.5196



170.2560, 25.5098, 31.3475



103.1510, 4.3626, 0.7446



36.5090, 68.7691, 16.2166



9.9570, 18.7552, 4.4227

Inverse Universe

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



172.1900, 12.2313, 43.6834



186.5540, 16.9819, 60.0271



193.7440, -25.5098, -31.3475



105.2010, 1.8729, 5.9627



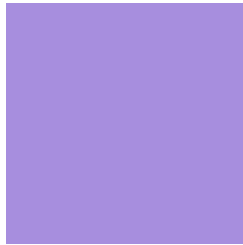
66.4180, 26.9089, 96.1034



18.1140, 7.3388, 26.2100

Previews

White Background



This preview shows how the YUV color 158.5950, 31.2587, 7.3712 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 158.5950, 31.2587, 7.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

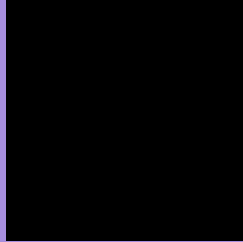
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.5950, 31.2587, 7.3712

Background



This preview shows how black text looks on a background with the YUV color 158.5950, 31.2587, 7.3712.



This preview shows how white text looks on a background with the YUV color 158.5950, 31.2587, 7.3712.

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

158.5950, 31.2587, 7.3712

Protanopia

154.7160, 37.6080, -22.5529

Deuteranopia

154.9460, 32.0716, -20.1236



Tritanopia

156.2650, 4.7994, 0.6446

Trichromacy



Original Color

158.5950, 31.2587, 7.3712

Protanomaly

156.2120, 35.3915, -11.5869

Deuteranomaly

156.5990, 31.7497, -10.1723

Tritanomaly

157.3930, 14.1033, 3.1633

Monochromacy



Original Color

158.5950, 31.2587, 7.3712

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9970, 11.3405, 2.6336

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5950, 31.2587, 7.3712 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(167, 142, 222)` looks like.

```
.text, #text, p{  
    color:rgb(167, 142, 222)  
}
```

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(167, 142, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 142, 222) }
```

Border

The CSS property to change the border of an element to YUV 158.5950, 31.2587, 7.3712 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(167, 142, 222) }
```


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

```
.border{ border-color:rgb(167, 142, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 142, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 142, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 142, 222);  
box-shadow:4px 4px 4px 4px rgb(167, 142,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 158.5950, 31.2587, 7.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 142, 222) }
```

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

```
.background{ background-color: rgb(167,  
142, 222) }
```

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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