

Converting Colors

YUV(158.6620, 22.8446,
-0.5806)

Have a look what the booklet for
YUV(158.6620, 22.8446, -0.5806)
contains.

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Color

**YUV(158.6620, 22.8446,
-0.5806)**

Conversions

Conversions Part 1

Format	Color
Hex	9E96CD
RGB	158, 150, 205
RGB Percent	62%, 59%, 80%
CMY	0.3804, 0.4118, 0.1961
CMYK	0.23, 0.27, 0.00, 0.20
HSL	249°, 35%, 70%
HSV	249°, 27%, 80%
XYZ	36.0263, 33.4896, 62.3229
YIQ	158.6620, -12.8870, 18.8010

Conversions

Conversions Part 2

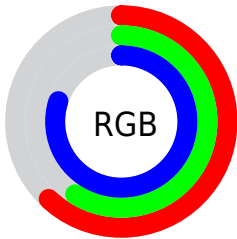
Format	Color
R_{YB}	158, 150, 205
Decimal	10393293
CIE _{Lab}	64.56, 14.63, -27.17
CIE _{LCh}	65, 30.858, 298.302
Yxy	33.4896, 0.2733, 0.2540
Android (android.graphics.Color)	4288583373 (0xFF9E96CD)
YUV	158.6620, 22.8446, -0.5806
Hunter-Lab	57.8702, 9.8501, -23.3429

Details

The YUV color $158.6620, 22.8446, -0.5806$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $196.3380, -22.8446, 0.5806$, and the grayscale version is $158.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $212.5050, 20.9500, 0.4341$, and $107.0210, 21.6816, -0.8954$ is the 20% darker color. If you saturate the color by 10%, you get $141.5400, 31.2858, -1.3506$, and if you desaturate by 10%, it is $176.3710, 14.1141, -0.3254$.

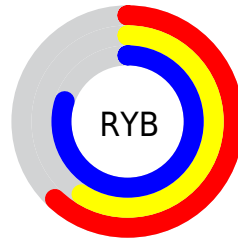
Distribution



Red (62%)

Green (59%)

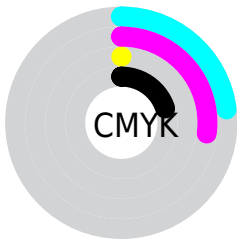
Blue (80%)



Red (62%)

Yellow (59%)

Blue (80%)

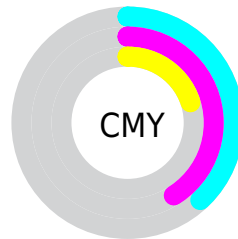


Cyan (23%)

Magenta (27%)

Yellow (0%)

Black (20%)



Cyan (38%)

Magenta (41%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.6620, 22.8446, -0.5806 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 158.6620, 22.8446, -0.5806 by changing the saturation by 10% instead.

■ 158.6620, 22.8446,
-0.5806

■ 158.6620, 22.8446,
-0.5806

255.0000, 0.0000,
0.0000

■ 132.1350, 22.1184,
-0.9954

■ 212.5050, 20.9500,
0.4341

■ 107.0210, 21.6816,
-0.8954

■ 237.6120, 8.5723,
3.8483

■ 82.1950, 21.1029,
-1.9250

■ 59.1410, 19.6505,
-2.7547

■ 36.9020, 18.7823,
-4.2991

■ 13.9020, 18.7823,
-4.2991

■ 4.7080, 12.9620,

-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 158.6620, 22.8446,
-0.5806

■ 158.6620, 22.8446,
-0.5806

■ 141.5400, 31.2858,
-1.3506

■ 176.3710, 14.1141,
-0.3254

■ 124.1300, 39.8689,
-0.9910

■ 193.1940, 5.8204,
-0.1701

■ 107.0080, 48.3101,
-1.7610

■ 210.9030, -2.9102,
0.0851

■ 89.5980, 56.8932,
-1.4014

■ 227.7260,
-11.2039, 0.2403

■ 72.4760, 65.3343,
-2.1715

■ 245.4350,
-19.9345, 0.4955

■ 55.0660, 73.9175,
-1.8119

■ 249.3000,
-21.8399, 4.9989

■ 37.9440, 82.3586,
-2.5819

■ 32.3400, 85.1214,
-2.0522

Harmonies

Analogous

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



152.9570, 28.6152, -31.5343



158.6620, 22.8446, -0.5806



160.7810, 12.4330, 25.6251

Triad

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



158.6620, 22.8446, -0.5806



157.2700, -22.8111, 36.5972



142.7500, 5.5462, -52.4008

Complementary

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



158.6620, 22.8446, -0.5806



196.3380, -22.8446, 0.5806

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.



148.3650, -10.5329, -28.3841



158.6620, 22.8446, -0.5806



154.8350, -26.5407, 19.4387

Square

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



158.6620, 22.8446, -0.5806



159.1430, -13.3815, 45.4786



152.1310, -22.2496, -3.6229



139.6630, 20.8721, -68.1105

Rectangle

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



158.6620, 22.8446, -0.5806



160.6810, 4.1013, 37.9908



152.1310, -22.2496, -3.6229



144.8990, -0.4432, -44.6384

Sweetspot

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



158.6620, 22.8446, -0.5806



238.1770, 8.2937, -0.1552



184.4460, 10.1331, -30.2091



117.0800, 5.3836, -0.0702



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.



158.6620, 22.8446, -0.5806



185.9360, 34.0486, -0.8209



166.7350, 18.8646, 16.0184



93.4390, 4.2206, -0.3850



26.1000, 68.9707, -1.8417



6.1260, 15.7139, -0.1105

Inverse Universe

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



171.8030, 12.4221, 29.1138



205.4980, 18.4885, 43.4133



188.2650, -18.8646, -16.0184



96.0160, 2.4571, 5.2480



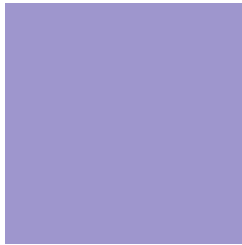
65.8220, 37.5558, 87.8561



15.1240, 8.8129, 20.0623

Previews

White Background



This preview shows how the YUV color 158.6620, 22.8446, -0.5806 looks on a white background.

Color Contrast Check

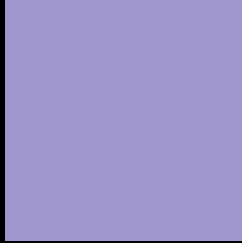
Large Text (above 18pt) WCAG AA × Fail

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 158.6620, 22.8446, -0.5806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

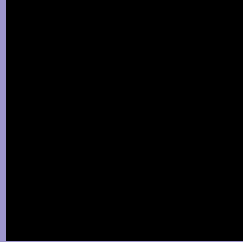
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.6620, 22.8446, -0.5806

Background



This preview shows how black text looks on a background with the YUV color 158.6620, 22.8446, -0.5806.



This preview shows how white text looks on a background with the YUV color 158.6620, 22.8446, -0.5806.

-0.5806.

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

158.6620, 22.8446, -0.5806

Protanopia

156.8560, 25.2140, -13.9057

Deuteranopia

157.3080, 23.0192, -9.9171



Tritanopia

156.5740, 6.1260, -4.8884

Trichromacy



Original Color

158.6620, 22.8446, -0.5806

Protanomaly

157.3620, 24.4715, -9.0875

Deuteranomaly

157.9170, 22.7189, -6.9432

Tritanomaly

157.1920, 12.2303, -2.7994

Monochromacy



Original Color

158.6620, 22.8446, -0.5806

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1770, 8.2937, -0.1552

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.6620, 22.8446, -0.5806 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(158, 150, 205)` looks like.

```
.text, #text, p{  
    color:rgb(158, 150, 205)  
}
```

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(158, 150, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 150, 205) }
```

Border

The CSS property to change the border of an element to YUV 158.6620, 22.8446, -0.5806 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(158, 150, 205) }
```


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

```
.border{ border-color:rgb(158, 150, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 150, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 150, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 150, 205);  
box-shadow:4px 4px 4px 4px rgb(158, 150,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 158.6620, 22.8446, -0.5806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 150, 205) }
```

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

```
.background{ background-color: rgb(158,  
150, 205) }
```

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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