

Converting Colors

YUV(158.8030, 22.2821,
-6.8432)

Have a look what the booklet for
YUV(158.8030, 22.2821, -6.8432)
contains.

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Color

**YUV(158.8030, 22.2821,
-6.8432)**

Conversions

Conversions Part 1

Format	Color
Hex	979ACC
RGB	151, 154, 204
RGB Percent	59%, 60%, 80%
CMY	0.4078, 0.3961, 0.2000
CMYK	0.26, 0.25, 0.00, 0.20
HSL	237°, 34%, 70%
HSV	237°, 26%, 80%
XYZ	35.2172, 34.0501, 61.8429
YIQ	158.8030, -17.8380, 14.9140

Conversions

Conversions Part 2

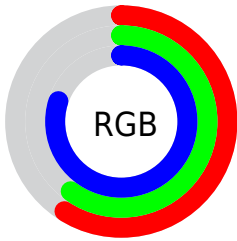
Format	Color
R _Y B	151, 154, 204
Decimal	9935564
CIE Lab	65.00, 9.97, -25.97
CIE LCh	65, 27.821, 291.009
Yxy	34.0501, 0.2686, 0.2597
Android (android.graphics.Color)	4288125644 (0xFF979ACC)
YUV	158.8030, 22.2821, -6.8432
Hunter-Lab	58.3525, 5.6123, -21.9898

Details

The YUV color **158.8030, 22.2821, -6.8432** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **196.1970, -22.2821, 6.8432**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7600, 20.8243, -5.9285**, and **107.1620, 21.1191, -7.1581** is the 20% darker color. If you saturate the color by 10%, you get **141.6700, 30.7287, -9.3576**, and if you desaturate by 10%, it is **175.9360, 13.8356, -4.3289**.

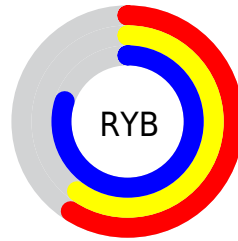
Distribution



Red (59%)

Green (60%)

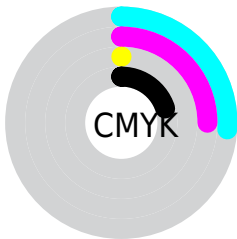
Blue (80%)



Red (59%)

Yellow (60%)

Blue (80%)

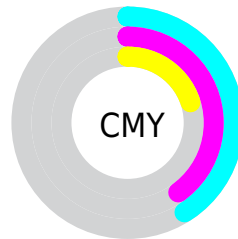


Cyan (26%)

Magenta (25%)

Yellow (0%)

Black (20%)



Cyan (41%)

Magenta (40%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.8030, 22.2821, -6.8432 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 158.8030, 22.2821, -6.8432 by changing the saturation by 10% instead.

■ 158.8030, 22.2821,
-6.8432

■ 158.8030, 22.2821,
-6.8432

255.0000, 0.0000,
0.0000

■ 132.5750, 21.4085,
-6.6433

■ 212.7600, 20.8243,
-5.9285

■ 107.1620, 21.1191,
-7.1581

■ 238.4540, 8.1572,
-3.0292

■ 82.6350, 20.3929,
-7.5729

■ 58.8090, 19.8142,
-8.6025

■ 36.5700, 18.9460,
-10.1469

■ 14.1460, 18.6620,
-12.4060

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 158.8030, 22.2821,
-6.8432

■ 158.8030, 22.2821,
-6.8432

■ 141.6700, 30.7287,
-9.3576

■ 175.9360, 13.8356,
-4.3289

■ 124.2380, 39.3227,
-12.4867

■ 193.3680, 5.2416,
-1.1997

■ 106.5180, 48.0586,
-14.4863

■ 211.0880, -3.4944,
0.7998

■ 89.0860, 56.6526,
-17.6154

■ 228.5200,
-12.0884, 3.9290

■ 71.9530, 65.0992,
-20.1298

■ 245.6530,
-20.5349, 6.4433

■ 54.8200, 73.5457,
-22.6441

■ 249.1860,
-22.2767, 5.0989

■ 36.8010, 82.4291,
-25.2585

■ 30.3000, 85.6341,
-26.5731

Harmonies

Analogous

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



152.6640, 26.2946, -33.9083



158.8030, 22.2821, -6.8432



161.0790, 13.7651, 18.3477

Triad

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



158.8030, 22.2821, -6.8432



158.5950, -19.0273, 36.3122



147.2630, 0.8563, -41.4497

Complementary

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



158.8030, 22.2821, -6.8432



196.1970, -22.2821, 6.8432

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.



151.5510, -12.5966, -19.7772



158.8030, 22.2821, -6.8432



157.2420, -23.7833, 21.7128

Square

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



158.8030, 22.2821, -6.8432



160.4460, -9.5869, 41.7049



154.6910, -21.5397, 2.0250



144.2470, 15.1612, -56.3446

Rectangle

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



158.8030, 22.2821, -6.8432



161.6200, 6.5963, 31.0283



154.6910, -21.5397, 2.0250



148.7540, -3.8227, -33.9873

Sweetspot

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



158.8030, 22.2821, -6.8432



237.8670, 8.4466, -2.5144



187.6970, 6.0654, -32.1833



116.4820, 5.6784, -1.2997



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.



158.8030, 22.2821, -6.8432



187.3540, 33.3495, -9.9575



163.9190, 19.7599, 8.8410



93.1400, 4.3680, -0.9998



24.2070, 69.9039, -21.2295



5.5060, 16.0195, -4.8288

Inverse Universe

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



167.1890, -6.5022, 32.2832



200.0770, -9.8980, 48.1675



191.0810, -19.7599, -8.8410



94.9900, -1.4741, 6.1478



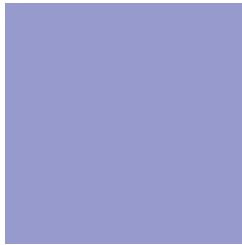
50.6600, -20.5384, 101.1532



11.5900, -4.7279, 23.1616

Previews

White Background



This preview shows how the YUV color 158.8030, 22.2821, -6.8432 looks on a white background.

Color Contrast Check

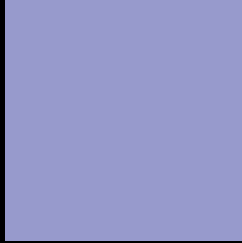
Large Text (above 18pt) WCAG AA × Fail

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 158.8030, 22.2821, -6.8432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

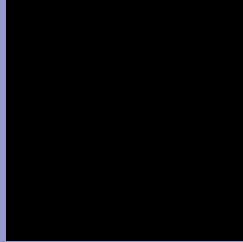
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.8030, 22.2821, -6.8432

Background



This preview shows how black text looks on a background with the YUV color 158.8030, 22.2821, -6.8432.



This preview shows how white text looks on a background with the YUV color 158.8030, 22.2821, -6.8432.

-6.8432.

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

158.8030, 22.2821, -6.8432

Protanopia

157.9980, 23.1720, -12.2762

Deuteranopia

158.4930, 22.4350, -9.2024



Tritanopia

156.8830, 7.4527, -10.4214

Trichromacy



Original Color

158.8030, 22.2821, -6.8432

Protanomaly

158.3080, 23.0192, -9.9171

Deuteranomaly

158.7920, 22.2875, -8.5876

Tritanomaly

157.6750, 12.9782, -9.3620

Monochromacy



Original Color

158.8030, 22.2821, -6.8432

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.7530, 8.0098, -2.4144

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.8030, 22.2821, -6.8432 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(151, 154, 204)` looks like.

```
.text, #text, p{  
    color:rgb(151, 154, 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(151, 154, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 154, 204) }
```

Border

The CSS property to change the border of an element to YUV 158.8030, 22.2821, -6.8432 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(151, 154, 204) }
```


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

```
.border{ border-color:rgb(151, 154, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 154, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 154, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 154, 204);  
box-shadow:4px 4px 4px 4px rgb(151, 154,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 158.8030, 22.2821, -6.8432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 154, 204) }
```

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

```
.background{ background-color: rgb(151,  
154, 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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