

Converting Colors

YUV(155.2220, 20.1036,
-8.0877)

Have a look what the booklet for
YUV(155.2220, 20.1036, -8.0877)
contains.

YUV(155.2220, 20.1036, -8.0877)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(155.2220, 20.1036,
-8.0877)**

Conversions

Conversions Part 1

Format	Color
Hex	9298C4
RGB	146, 152, 196
RGB Percent	57%, 60%, 77%
CMY	0.4275, 0.4039, 0.2314
CMYK	0.26, 0.22, 0.00, 0.23
HSL	233°, 30%, 67%
HSV	233°, 26%, 77%
XYZ	33.0461, 32.5530, 56.7662
YIQ	155.2220, -17.7000, 12.4120

Conversions

Conversions Part 2

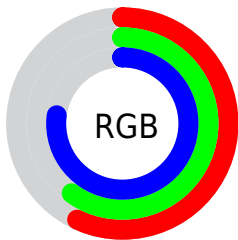
Format	Color
RYB	146, 151, 196
Decimal	9607364
CIELab	63.80, 7.63, -23.39
CIElCh	64, 24.600, 288.072
Yxy	32.5530, 0.2701, 0.2660
Android (android.graphics.Color)	4287797444 (0xFF9298C4)
YUV	155.2220, 20.1036, -8.0877
Hunter-Lab	57.0552, 3.5397, -19.0510

Details

The YUV color **155.2220, 20.1036, -8.0877** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **186.7780, -20.1036, 8.0877**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8630, 21.2665, -7.7729**, and **103.5810, 18.9406, -8.4025** is the 20% darker color. If you saturate the color by 10%, you get **139.2630, 27.9713, -11.6317**, and if you desaturate by 10%, it is **171.1810, 12.2358, -4.5437**.

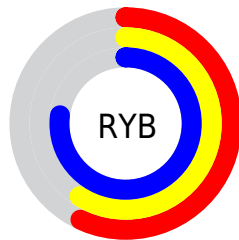
Distribution



Red (57%)

Green (60%)

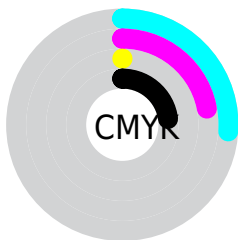
Blue (77%)



Red (57%)

Yellow (59%)

Blue (77%)

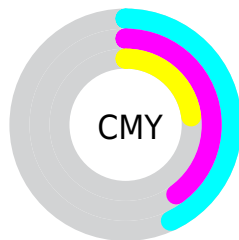


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (23%)



Cyan (43%)

Magenta (40%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.2220, 20.1036, -8.0877 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 155.2220, 20.1036, -8.0877 by changing the saturation by 10% instead.

■ 155.2220, 20.1036,
-8.0877

■ 155.2220, 20.1036,
-8.0877

■ 255.0000, 0.0000,
0.0000

■ 129.1080, 19.6668,
-7.9877

■ 209.8630, 21.2665,
-7.7729

■ 103.5810, 18.9406,
-8.4025

■ 234.8990, 9.9098,
-5.1734

■ 79.3530, 18.0670,
-8.2026

■ 56.5270, 17.4882,
-9.2322

■ 33.4020, 17.0568,
-10.8766

■ 11.7010, 16.9094,
-10.2618

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 155.2220, 20.1036,
-8.0877

■ 155.2220, 20.1036,
-8.0877

■ 139.2630, 27.9713,
-11.6317

■ 171.1810, 12.2358,
-4.5437

■ 123.6030, 35.6917,
-14.5608

■ 186.8410, 4.5154,
-1.6146

■ 107.0570, 43.8489,
-17.5900

■ 203.3870, -3.6418,
1.4146

■ 91.3970, 51.5693,
-20.5192

■ 219.0470,
-11.3622, 4.3438

■ 75.4380, 59.4371,
-24.0631

■ 235.0060,
-19.2300, 7.8877

■ 59.4790, 67.3049,
-27.6071

■ 248.2740,
-25.7711, 5.8987

■ 43.2320, 75.3146,
-30.0215

■ 36.4320, 78.6670,
-31.9509

Harmonies

Analogous

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



150.1760, 23.0842, -30.8494



155.2220, 20.1036, -8.0877



158.1170, 12.7603, 13.9294

Triad

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



155.2220, 20.1036, -8.0877



155.9690, -16.2537, 33.3532



145.9650, -0.4757, -34.1723

Complementary

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



155.2220, 20.1036, -8.0877



186.7780, -20.1036, 8.0877

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.



149.3990, -12.0287, -15.2589



155.2220, 20.1036, -8.0877



154.3390, -20.8731, 21.6277

Square

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



155.2220, 20.1036, -8.0877



157.2820, -7.5340, 36.5867



151.9840, -19.2191, 4.3990



144.2760, 11.2029, -46.7231

Rectangle

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



155.2220, 20.1036, -8.0877



158.4730, 6.1758, 25.8952



151.9840, -19.2191, 4.3990



146.8580, -4.8600, -27.9395

Sweetspot

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



155.2220, 20.1036, -8.0877



238.4540, 8.1572, -3.0292



180.2520, 4.3128, -30.0390



117.0690, 5.3890, -1.8145



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.



155.2220, 20.1036, -8.0877



190.2890, 31.9025, -12.5315



157.0820, 19.1866, 6.0671



88.7270, 4.0786, -1.5146



29.5070, 64.8260, -25.8776



6.1100, 13.2568, -5.3585

Inverse Universe

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



161.6340, -4.7496, 30.1390



200.6470, -7.7140, 47.6676



184.9180, -19.1866, -6.0671



90.1040, -1.0373, 6.0478



50.3050, -15.4334, 97.0795



10.3230, -3.1172, 19.8877

Previews

White Background



This preview shows how the YUV color 155.2220, 20.1036, -8.0877 looks on a white background.

Color Contrast Check

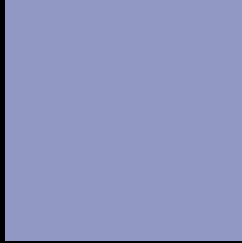
Large Text (above 18pt) WCAG AA × Fail

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 155.2220, 20.1036, -8.0877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

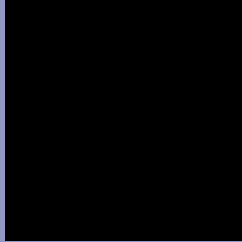
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.2220, 20.1036, -8.0877

Background



This preview shows how black text looks on a background with the YUV color 155.2220, 20.1036, -8.0877.



This preview shows how white text looks on a background with the YUV color 155.2220, 20.1036, -8.0877.

-8.0877.

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

155.2220, 20.1036, -8.0877

Protanopia

155.0260, 20.6932, -10.5468

Deuteranopia

155.8200, 19.8087, -6.8581



Tritanopia

153.5840, 7.6001, -11.0362

Trichromacy



Original Color

155.2220, 20.1036, -8.0877

Protanomaly

155.3250, 20.5458, -9.9320

Deuteranomaly

155.5210, 19.9561, -7.4729

Tritanomaly

154.1480, 12.2520, -9.7768

Monochromacy



Original Color

155.2220, 20.1036, -8.0877

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.2260, 7.2836, -2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.2220, 20.1036, -8.0877 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(146, 152, 196)` looks like.

```
.text, #text, p{  
    color:rgb(146, 152, 196)  
}
```

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(146, 152, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 152, 196) }
```

Border

The CSS property to change the border of an element to YUV 155.2220, 20.1036, -8.0877 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(146, 152, 196) }
```


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

```
.border{ border-color:rgb(146, 152, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 152, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 152, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 152, 196);  
box-shadow:4px 4px 4px 4px rgb(146, 152,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 155.2220, 20.1036, -8.0877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 152, 196) }
```

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

```
.background{ background-color: rgb(146,  
152, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor