

Converting Colors

YUV(155.8220, 33.6118,
-0.7209)

Have a look what the booklet for
YUV(155.8220, 33.6118, -0.7209)
contains.

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Color

**YUV(155.8220, 33.6118,
-0.7209)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8FE0
RGB	155, 143, 224
RGB Percent	61%, 56%, 88%
CMY	0.3922, 0.4392, 0.1216
CMYK	0.31, 0.36, 0.00, 0.12
HSL	249°, 57%, 72%
HSV	249°, 36%, 88%
XYZ	36.7946, 31.9953, 74.7574
YIQ	155.8220, -18.8490, 27.7350

Conversions

Conversions Part 2

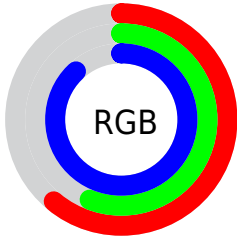
Format	Color
R _Y B	155, 143, 224
Decimal	10194912
CIE Lab	63.34, 22.43, -39.65
CIE LCh	63, 45.551, 299.495
Yxy	31.9953, 0.2563, 0.2229
Android (android.graphics.Color)	4288384992 (0xFF9B8FE0)
YUV	155.8220, 33.6118, -0.7209
Hunter-Lab	56.5644, 17.1248, -38.7646

Details

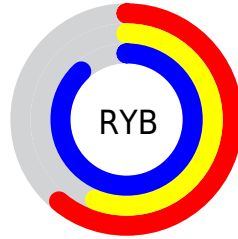
The YUV color $155.8220, 33.6118, -0.7209$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $211.1780, -33.6118, 0.7209$, and the grayscale version is $156.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $207.7980, 23.2706, 2.8082$, and $103.9420, 31.5806, -2.5801$ is the 20% darker color. If you saturate the color by 10%, you get $137.2270, 42.7791, -1.0761$, and if you desaturate by 10%, it is $174.4170, 24.4444, -0.3657$.

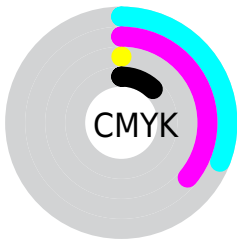
Distribution



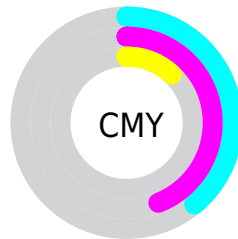
- Red (61%)
- Green (56%)
- Blue (88%)



- Red (61%)
- Yellow (56%)
- Blue (88%)



- Cyan (31%)
- Magenta (36%)
- Yellow (0%)
- Black (12%)



- Cyan (39%)
- Magenta (44%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.8220, 33.6118, -0.7209 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 155.8220, 33.6118, -0.7209 by changing the saturation by 10% instead.

■ 155.8220, 33.6118,
-0.7209

■ 155.8220, 33.6118,
-0.7209

■ 255.0000, 0.0000,
0.0000

■ 129.2950, 32.8856,
-1.1357

■ 207.7980, 23.2706,
2.8082

■ 103.9420, 31.5806,
-2.5801

■ 232.9050, 10.8928,
6.2223

■ 79.1160, 31.0018,
-3.6097

■ 253.8260, 0.5788,
1.0296

■ 55.4640, 29.8442,
-5.6689

■ 31.3170, 29.4237,
-10.8020

■ 8.2250, 28.9761,
-7.2133

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 155.8220, 33.6118,
-0.7209

■ 155.8220, 33.6118,
-0.7209

■ 137.2270, 42.7791,
-1.0761

■ 174.4170, 24.4444,
-0.3657

■ 118.0450, 52.2358,
-0.9165

■ 193.5990, 14.9877,
-0.5253

■ 99.4500, 61.4032,
-1.2716

■ 212.1940, 5.8204,
-0.1701

■ 80.2680, 70.8599,
-1.1120

■ 231.3760, -3.6364,
-0.3298

■ 61.6730, 80.0272,
-1.4672

■ 249.9710,
-12.8037, 0.0254

■ 43.0780, 89.1945,
-1.8224

■ 251.4660,
-13.5407, 3.0993

■ 35.4030, 92.9783,
-2.1074

Harmonies

Analogous

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



143.0430, 44.8418, -56.1657



155.8220, 33.6118, -0.7209



158.0630, 18.2099, 39.4097

Triad

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



155.8220, 33.6118, -0.7209



152.1980, -33.6216, 50.6924



119.3520, 15.6025, -104.6717

Complementary

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



155.8220, 33.6118, -0.7209



211.1780, -33.6118, 0.7209

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.



138.1580, -13.3889, -45.7426



155.8220, 33.6118, -0.7209



149.8390, -39.3606, 24.6972

Square

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



155.8220, 33.6118, -0.7209



153.5970, -18.5353, 65.2514



145.7640, -32.4217, -7.6860



123.4390, 33.8006, -108.2560

Rectangle

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



155.8220, 33.6118, -0.7209



156.3720, 6.2256, 56.6788



145.7640, -32.4217, -7.6860



125.2420, 5.7967, -86.1582

Sweetspot

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



155.8220, 33.6118, -0.7209



231.3880, 11.6407, -0.3403



193.3240, 15.1233, -44.1341



113.5360, 7.1308, -0.4701



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.



155.8220, 33.6118, -0.7209



162.6230, 45.5419, -0.5464



167.4830, 27.8629, 23.2554



102.8520, 4.5100, 0.1298



27.8380, 73.0439, -1.6119



7.5650, 19.9345, -0.4955

Inverse Universe

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



175.0850, 18.1991, 42.8985



188.6060, 24.8442, 58.2275



199.5170, -27.8629, -23.2554



105.4290, 2.7465, 5.7628



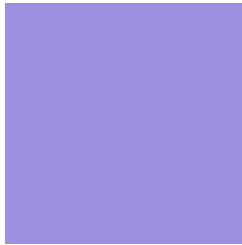
69.7240, 39.5761, 93.2041



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 155.8220, 33.6118, -0.7209 looks on a white background.

Color Contrast Check

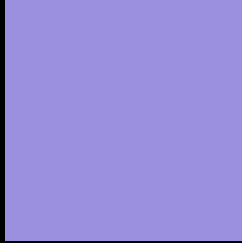
Large Text (above 18pt) WCAG AA × Fail

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 155.8220, 33.6118, -0.7209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

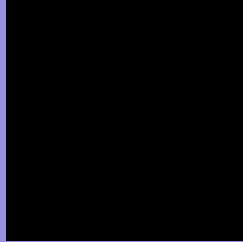
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.8220, 33.6118, -0.7209

Background



This preview shows how black text looks on a background with the YUV color 155.8220, 33.6118, -0.7209.



This preview shows how white text looks on a background with the YUV color 155.8220, 33.6118, -0.7209.

-0.7209.

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

155.8220, 33.6118, -0.7209

Protanopia

152.5310, 38.1922, -23.2677

Deuteranopia

152.2060, 34.4084, -22.9827



Tritanopia

152.7800, 7.0105, -8.5771

Trichromacy



Original Color

155.8220, 33.6118, -0.7209

Protanomaly

153.8310, 36.5653, -14.7608

Deuteranomaly

153.8480, 34.0919, -14.7757

Tritanomaly

154.0220, 16.7512, -6.1583

Monochromacy



Original Color

155.8220, 33.6118, -0.7209

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9150, 12.3669, 0.0745

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.8220, 33.6118, -0.7209 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(155, 143, 224)` looks like.

```
.text, #text, p{  
    color:rgb(155, 143, 224)  
}
```

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(155, 143, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 143, 224) }
```

Border

The CSS property to change the border of an element to YUV 155.8220, 33.6118, -0.7209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

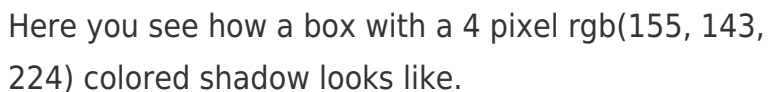
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 143, 224) }
```


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

```
.border{ border-color:rgb(155, 143, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 143, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 143, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 143, 224); box-shadow:4px 4px 4px 4px rgb(155, 143, 224) }
```

Background

The CSS property to change the background color of an element to YUV 155.8220, 33.6118, -0.7209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 143, 224) }
```

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

```
.background{ background-color: rgb(155,  
143, 224) }
```

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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