

Converting Colors

YUV(121.9960, -44.3680,
-2.6275)

Have a look what the booklet for
YUV(121.9960, -44.3680, -2.6275)
contains.

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Color

**YUV(121.9960, -44.3680,
-2.6275)**

Conversions

Conversions Part 1

Format	Color
Hex	778D20
RGB	119, 141, 32
RGB Percent	47%, 55%, 13%
CMY	0.5333, 0.4471, 0.8745
CMYK	0.16, 0.00, 0.77, 0.45
HSL	72°, 63%, 34%
HSV	72°, 77%, 55%
XYZ	17.3933, 23.0760, 4.9039
YIQ	121.9960, 21.8770, -38.5630

Conversions

Conversions Part 2

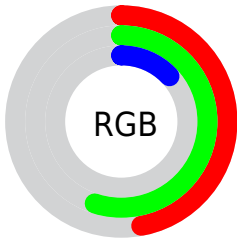
Format	Color
RYB	32, 141, 54
Decimal	7834912
CIELab	55.15, -22.81, 51.52
CIELCh	55, 56.341, 113.887
Yxy	23.0760, 0.3833, 0.5086
Android (android.graphics.Color)	4286024992 (0xFF778D20)
YUV	121.9960, -44.3680, -2.6275
Hunter-Lab	48.0375, -19.4345, 27.5736

Details

The YUV color **121.9960, -44.3680, -2.6275** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **51.0040, 44.3680, 2.6275**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.2950, -44.5154, -2.0127**, and **73.4500, -36.2108, -5.6566** is the 20% darker color. If you saturate the color by 10%, you get **119.5030, -50.0410, -3.0721**, and if you desaturate by 10%, it is **124.4890, -38.6951, -2.1829**.

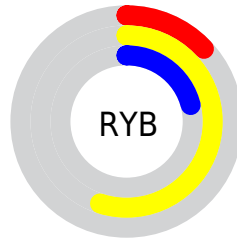
Distribution



Red (47%)

Green (55%)

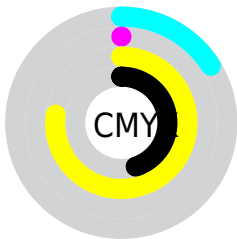
Blue (13%)



Red (13%)

Yellow (55%)

Blue (21%)

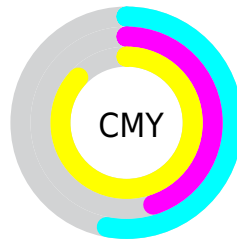


Cyan (16%)

Magenta (0%)

Yellow (77%)

Black (45%)



Cyan (53%)

Magenta (45%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.9960, -44.3680, -2.6275 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 121.9960, -44.3680, -2.6275 by changing the saturation by 10% instead.

■ 121.9960,
-44.3680, -2.6275

■ 121.9960,
-44.3680, -2.6275

■ 255.0000, 0.0000,
0.0000

■ 95.0130, -46.8414,
-2.6424

■ 176.2950,
-44.5154, -2.0127

■ 73.4500, -36.2108,
-5.6566

■ 204.0670,
-45.3890, -1.8128

■ 51.5880, -25.4329,
-9.2857

■ 232.2520,
-45.9732, -1.0980

■ 30.6010, -15.0863,
-14.5591

■ 244.8540,
-38.8750, 8.8980

■ 15.8490, -7.8136,
-13.8996

■ 248.0460,
-26.6447, 6.0987

■ 0.0000, 0.0000,
0.0000

■ 251.2380,

-14.4143, 3.2993

254.5440, -1.7472,
0.3999

■ 121.9960,
-44.3680, -2.6275

■ 121.9960,
-44.3680, -2.6275

■ 119.5030,
-50.0410, -3.0721

■ 124.4890,
-38.6951, -2.1829

■ 117.0100,
-55.7139, -3.5168

■ 126.9820,
-33.0221, -1.7382

■ 116.5540,
-57.4611, -3.1169

■ 129.4750,
-27.3492, -1.2936

■ 131.6690,
-21.5288, -1.4637

■ 134.2760,
-15.4191, -1.1191

■ 136.7690, -9.7461,
-0.6744

■ 139.2620, -4.0732,
-0.2298

■ 141.7550, 1.5998,
0.2149

■ 144.2480, 7.2727,
0.6595

Harmonies

Analogous

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



125.9190, -50.7391, 34.2740



121.9960, -44.3680, -2.6275



111.9910, -20.2086, -51.7351

Triad

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



121.9960, -44.3680, -2.6275



112.5770, 48.0295, -98.7300



131.1830, 6.3188, 73.5075

Complementary

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



121.9960, -44.3680, -2.6275



51.0040, 44.3680, 2.6275

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.



135.6530, 26.7931, 39.7693



121.9960, -44.3680, -2.6275



108.8730, 59.2226, -95.4816

Square

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



121.9960, -44.3680, -2.6275



110.3650, 29.4001, -96.7901



131.5950, 44.5697, -15.4308



128.5540, -16.5421, 79.3211

Rectangle

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



121.9960, -44.3680, -2.6275



102.1400, 0.4240, -89.5768



131.5950, 44.5697, -15.4308



132.9630, 13.3292, 64.9304

Sweetspot

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



121.9960, -44.3680, -2.6275



176.4070, -17.4557, -1.2339



77.5050, -22.4340, 55.6851



87.5410, -10.6197, -0.4745



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



121.9960, -44.3680, -2.6275



154.0410, -69.5332, -4.4210



105.8500, -36.4080, -35.8254



69.9030, -2.9102, 0.0851



111.5370, -54.9877, -3.1019



6.4900, -3.1996, -0.4297

Inverse Universe

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



51.0040, 44.3680, 2.6275



42.6600, 69.6806, 3.8062



67.1500, 36.4080, 35.8254



65.3960, 2.7628, 0.5297



23.4630, 54.9877, 3.1019



1.5100, 3.1996, 0.4297

Previews

White Background



This preview shows how the YUV color 121.9960, -44.3680, -2.6275 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 121.9960, -44.3680, -2.6275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

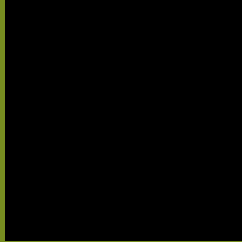
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.9960, -44.3680, -2.6275 Background



This preview shows how black text looks on a background with the YUV color 121.9960, -44.3680, -2.6275.



This preview shows how white text looks on a background with the YUV color 121.9960, -44.3680,

-2.6275.

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

121.9960, -44.3680, -2.6275

Protanopia

125.1560, -46.9119, 20.0342

Deuteranopia

127.1560, -43.4609, 33.1892



Tritanopia

131.9550, 4.9522, -1.7145

Trichromacy



Original Color

121.9960, -44.3680, -2.6275

Protanomaly

123.7420, -45.7218, 11.6273

Deuteranomaly

125.2530, -44.0017, 19.9491

Tritanomaly

128.5470, -13.0877, -2.2337

Monochromacy



Original Color

121.9960, -44.3680, -2.6275

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0480, -16.2927, -0.9191

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9960, -44.3680, -2.6275 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(119, 141, 32)` looks like.

```
.text, #text, p{  
    color:rgb(119, 141, 32)  
}
```

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(119, 141, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 141, 32) }
```

Border

The CSS property to change the border of an element to YUV 121.9960, -44.3680, -2.6275 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(119, 141, 32) }
```


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

```
.border{ border-color:rgb(119, 141, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 141, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 141, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 141, 32);  
box-shadow:4px 4px 4px 4px rgb(119, 141,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 121.9960, -44.3680, -2.6275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 141, 32) }
```

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

```
.background{ background-color: rgb(119,  
141, 32) }
```

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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