

Converting Colors

YUV(79.8320, -28.5112,
44.8743)

Have a look what the booklet for
YUV(79.8320, -28.5112, 44.8743)
contains.

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Color

**YUV(79.8320, -28.5112,
44.8743)**

Conversions

Conversions Part 1

Format	Color
Hex	834116
RGB	131, 65, 22
RGB Percent	51%, 25%, 9%
CMY	0.4863, 0.7451, 0.9137
CMYK	0.00, 0.50, 0.83, 0.49
HSL	24°, 71%, 30%
HSV	24°, 83%, 51%
XYZ	11.3952, 8.6638, 1.8307
YIQ	79.8320, 53.1390, 0.6190

Conversions

Conversions Part 2

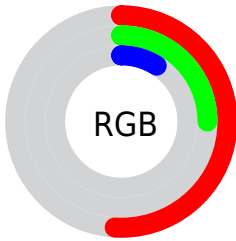
Format	Color
R_{YB}	131, 93, 22
Decimal	8601878
CIE Lab	35.33, 25.30, 37.26
CIE LCh	35, 45.039, 55.822
Yxy	8.6638, 0.5206, 0.3958
Android (android.graphics.Color)	4286791958 (0xFF834116)
YUV	79.8320, -28.5112, 44.8743
Hunter-Lab	29.4344, 17.5942, 16.9164

Details

The YUV color **79.8320, -28.5112, 44.8743** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **73.1680, 28.5112, -44.8743**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2950, -30.7114, 50.6073**, and **33.5780, -16.5540, 36.3271** is the 20% darker color. If you saturate the color by 10%, you get **73.6540, -31.8744, 50.2924**, and if you desaturate by 10%, it is **86.0100, -25.1479, 39.4562**.

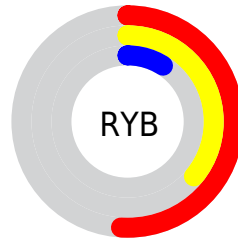
Distribution



Red (51%)

Green (25%)

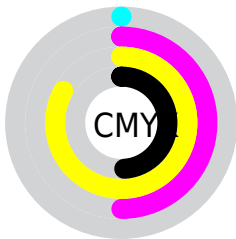
Blue (9%)



Red (51%)

Yellow (36%)

Blue (9%)

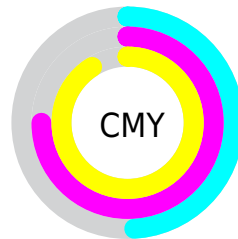


Cyan (0%)

Magenta (50%)

Yellow (83%)

Black (49%)



Cyan (49%)


Magenta (75%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.8320, -28.5112, 44.8743 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 79.8320, -28.5112, 44.8743 by changing the saturation by 10% instead.


 79.8320, -28.5112,
44.8743

 79.8320, -28.5112,
44.8743


255.0000, 0.0000,
0.0000


 55.4510, -27.3373,
41.7005


 131.2950,
-30.7114, 50.6073


 33.5780, -16.5540,
36.3271

 157.9640,
-32.0273, 52.6516


 14.6510, -7.2229,
30.1241

 185.3450,
-33.2011, 55.8254

 3.8870, -1.9163,
7.9921

 206.5390,
-30.8317, 42.5003

 0.0000, 0.0000,
0.0000

 226.0530,
-27.1411, 25.3865

 246.1540,

-23.7399, 7.7579

■ 251.8080,
-12.2303, 2.7994

■ 79.8320, -28.5112,
44.8743

■ 79.8320, -28.5112,
44.8743

■ 73.6540, -31.8744,
50.2924

■ 86.0100, -25.1479,
39.4562

■ 69.6930, -34.3586,
53.7662

■ 92.1880, -21.7847,
34.0381

■ 98.3660, -18.4214,
28.6200

■ 104.5440,
-15.0582, 23.2019

■ 110.8360,
-11.2581, 17.6838

■ 117.0140, -7.8949,
12.2657

■ 123.1920, -4.5317,
6.8476

■ 128.7830, -0.8790,
1.9443

■ 134.9610, 2.4842,
-3.4738

Harmonies

Analogous

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



79.1600, -12.4039, 58.6187



79.8320, -28.5112, 44.8743



78.3550, -38.6290, 23.3677

Triad

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



79.8320, -28.5112, 44.8743



66.8910, 4.9837, -58.6634



83.0120, 32.0391, -9.6575

Complementary

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



79.8320, -28.5112, 44.8743



73.1680, 28.5112, -44.8743

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.



69.9130, 41.9479, -61.3137



79.8320, -28.5112, 44.8743



71.5820, 20.4191, -62.7774

Square

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



79.8320, -28.5112, 44.8743



63.9020, -11.7837, -47.2721



73.1270, 33.9544, -64.1324



84.9480, 19.2526, 31.6176

Rectangle

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



79.8320, -28.5112, 44.8743



75.5870, -37.2644, 5.6242



73.1270, 33.9544, -64.1324



78.1450, 36.9035, -29.9452

Sweetspot

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



79.8320, -28.5112, 44.8743



150.8360, -11.2581, 17.6838



62.2290, 13.1981, 60.3122



74.6440, -6.7265, 10.8362



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



79.8320, -28.5112, 44.8743



90.4580, -44.5958, 70.6353



110.9430, -43.8489, 17.5900



62.9680, -1.4632, 2.6591



68.8070, -33.9219, 53.6663



1.4840, -0.7316, 1.3295

Inverse Universe

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



73.1680, 28.5112, -44.8743



79.9550, 44.8852, -70.1205



42.0570, 43.8489, -17.5900



63.0320, 1.4632, -2.6591



61.1930, 33.9219, -53.6663



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 79.8320, -28.5112, 44.8743 looks on a white 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

Black Background



This preview shows how the YUV color 79.8320, -28.5112, 44.8743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

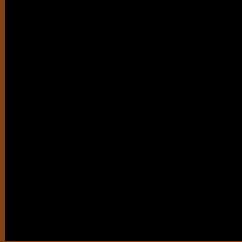
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.8320, -28.5112, 44.8743

Background



This preview shows how black text looks on a background with the YUV color 79.8320, -28.5112, 44.8743.



This preview shows how white text looks on a background with the YUV color 79.8320, -28.5112,

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

79.8320, -28.5112, 44.8743

Protanopia

80.4920, -26.3716, 11.8465

Deuteranopia

79.7770, -31.9351, 22.9976



Tritanopia

82.9840, -8.8661, 43.8640

Trichromacy



Original Color

79.8320, -28.5112, 44.8743

Protanomaly

80.0420, -27.1357, 23.6422

Deuteranomaly

79.8750, -30.5044, 30.8046

Tritanomaly

81.4480, -15.9969, 44.3341

Monochromacy



Original Color

79.8320, -28.5112, 44.8743

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.3520, -10.5265, 16.3543

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.8320, -28.5112, 44.8743 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(131, 65, 22)` looks like.

```
.text, #text, p{  
    color:rgb(131, 65, 22)  
}
```

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(131, 65, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 65, 22) }
```

Border

The CSS property to change the border of an element to YUV 79.8320, -28.5112, 44.8743 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(131, 65, 22) }
```


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

```
.border{ border-color:rgb(131, 65, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 65, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 65, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 65, 22);  
box-shadow:4px 4px 4px 4px rgb(131, 65,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 79.8320, -28.5112, 44.8743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 65, 22) }
```

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

```
.background{ background-color: rgb(131, 65,  
22) }
```

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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