

Converting Colors

YUV(82.9980, -20.2120,
42.9748)

Have a look what the booklet for
YUV(82.9980, -20.2120, 42.9748)
contains.

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Color

**YUV(82.9980, -20.2120,
42.9748)**

Conversions

Conversions Part 1

Format	Color
Hex	84422A
RGB	132, 66, 42
RGB Percent	52%, 26%, 16%
CMY	0.4824, 0.7412, 0.8353
CMYK	0.00, 0.50, 0.68, 0.48
HSL	16°, 52%, 34%
HSV	16°, 68%, 52%
XYZ	11.8819, 8.9691, 3.2955
YIQ	82.9980, 47.0400, 6.5280

Conversions

Conversions Part 2

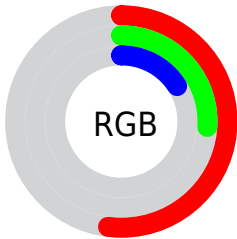
Format	Color
R_{YB}	132, 75, 42
Decimal	8667690
CIE Lab	35.92, 26.19, 27.20
CIE LCh	36, 37.760, 46.078
Yxy	8.9691, 0.4921, 0.3714
Android (android.graphics.Color)	4286857770 (0xFF84422A)
YUV	82.9980, -20.2120, 42.9748
Hunter-Lab	29.9485, 18.4087, 14.4398

Details

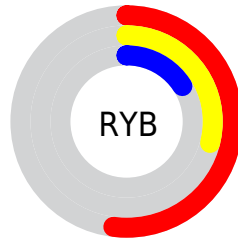
The YUV color **82.9980, -20.2120, 42.9748** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **91.0020, 20.2120, -42.9748**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0480, -22.7017, 48.1929**, and **34.4750, -16.9962, 38.1714** is the 20% darker color. If you saturate the color by 10%, you get **75.6460, -22.9965, 49.4225**, and if you desaturate by 10%, it is **90.3500, -17.4275, 36.5271**.

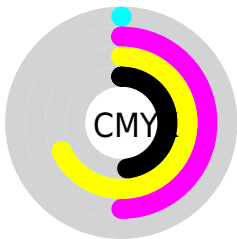
Distribution



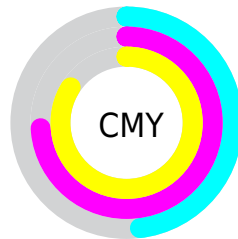
- Red (52%)
- Green (26%)
- Blue (16%)



- Red (52%)
- Yellow (29%)
- Blue (16%)



- Cyan (0%)
- Magenta (50%)
- Yellow (68%)
- Black (48%)



- Cyan (48%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.9980, -20.2120, 42.9748 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 82.9980, -20.2120, 42.9748 by changing the saturation by 10% instead.

82.9980, -20.2120,
42.9748

82.9980, -20.2120,
42.9748

255.0000, 0.0000,
0.0000

58.7310, -18.6014,
39.7009

134.0480,
-22.7017, 48.1929

34.4750, -16.9962,
38.1714

160.8310,
-23.5807, 50.1372

15.2490, -7.5178,
31.3536

188.5000,
-24.8965, 52.1815

5.9800, -2.9481,
12.2955

209.5200,
-21.9484, 39.8860

0.0000, 0.0000,
0.0000

229.0340,
-18.2578, 22.7722

249.2490,

-14.4198, 5.0436

254.3160, -2.6208,
0.5999

82.9980, -20.2120,
42.9748

82.9980, -20.2120,
42.9748

75.6460, -22.9965,
49.4225

90.3500, -17.4275,
36.5271

68.8810, -26.0703,
55.3554

97.1150, -14.3537,
30.5941

61.4150, -29.2916,
61.9030

104.5810,
-11.1324, 24.0465

60.0130, -29.5864,
63.1326

111.9330, -8.3480,
17.5988

118.6980, -5.2741,
11.6659

■ 126.0500, -2.4896,
5.2182

■ 133.4020, 0.2948,
-1.2296

■ 140.2810, 3.8055,
-7.2624

■ 147.6330, 6.5899,
-13.7101

Harmonies

Analogous

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



83.1850, -6.9932, 49.8268



82.9980, -20.2120, 42.9748



81.8960, -29.0357, 26.4012

Triad

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



82.9980, -20.2120, 42.9748



65.3920, 1.7787, -57.3488



82.0770, 30.0350, -20.2385

Complementary

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



82.9980, -20.2120, 42.9748



91.0020, 20.2120, -42.9748

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.



70.3060, 35.8381, -61.6584



82.9980, -20.2120, 42.9748



69.5130, 15.0301, -60.9629

Square

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



82.9980, -20.2120, 42.9748



75.2750, -17.3906, -22.1662



71.4170, 27.4024, -62.6327



87.5610, 19.4434, 17.0480

Rectangle

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



82.9980, -20.2120, 42.9748



80.4660, -30.3027, 12.7463



71.4170, 27.4024, -62.6327



76.5800, 33.7311, -39.0967

Sweetspot

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



82.9980, -20.2120, 42.9748



152.4490, -7.6164, 16.2692



76.4340, 15.5620, 48.7314



75.2140, -4.5425, 10.3363



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.



82.9980, -20.2120, 42.9748



94.5790, -31.3444, 67.0212



109.4130, -33.2346, 19.8088



62.3810, -1.1738, 3.1739



59.4150, -29.2916, 61.9030



1.4840, -0.7316, 1.3295

Inverse Universe

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



91.0020, 20.2120, -42.9748



106.8340, 31.6338, -66.5064



64.5870, 33.2346, -19.8088



63.6190, 1.1738, -3.1739



70.5850, 29.2916, -61.9030



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 82.9980, -20.2120, 42.9748 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 82.9980, -20.2120, 42.9748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

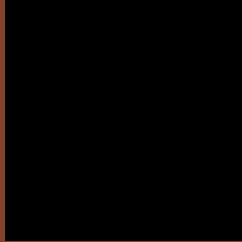
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.9980, -20.2120, 42.9748

Background



This preview shows how black text looks on a background with the YUV color 82.9980, -20.2120, 42.9748.



This preview shows how white text looks on a background with the YUV color 82.9980, -20.2120,

42.9748.

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

82.9980, -20.2120, 42.9748

Protanopia

83.1740, -17.3408, 8.6174

Deuteranopia

83.3880, -21.8833, 18.9537



Tritanopia

84.3860, -8.5713, 42.6345

Trichromacy



Original Color

82.9980, -20.2120, 42.9748

Protanomaly

83.0230, -18.2523, 21.0278

Deuteranomaly

83.5570, -21.4736, 27.5755

Tritanomaly

83.9470, -12.7919, 43.0195

Monochromacy



Original Color

82.9980, -20.2120, 42.9748

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1500, -7.4689, 15.6545

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9980, -20.2120, 42.9748 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(132, 66, 42)` looks like.

```
.text, #text, p{  
    color:rgb(132, 66, 42)  
}
```

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(132, 66, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 66, 42) }
```

Border

The CSS property to change the border of an element to YUV 82.9980, -20.2120, 42.9748 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(132, 66, 42) }
```


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

```
.border{ border-color:rgb(132, 66, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 66, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 66, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 66, 42);  
box-shadow:4px 4px 4px 4px rgb(132, 66,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 82.9980, -20.2120, 42.9748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 66, 42) }
```

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

```
.background{ background-color: rgb(132, 66,  
42) }
```

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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