

Converting Colors

YUV(70.9280, -20.6705,
50.0521)

Have a look what the booklet for
YUV(70.9280, -20.6705, 50.0521)
contains.

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Color

**YUV(70.9280, -20.6705,
50.0521)**

Conversions

Conversions Part 1

Format	Color
Hex	80321D
RGB	128, 50, 29
RGB Percent	50%, 20%, 11%
CMY	0.4980, 0.8039, 0.8863
CMYK	0.00, 0.61, 0.77, 0.50
HSL	13°, 63%, 31%
HSV	13°, 77%, 50%
XYZ	10.2645, 6.9591, 1.9646
YIQ	70.9280, 53.2290, 10.0050

Conversions

Conversions Part 2

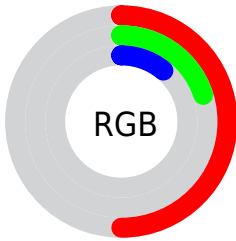
Format	Color
R_{YB}	128, 56, 29
Decimal	8401437
CIE _{Lab}	31.71, 32.44, 29.81
CIE _{LCh}	32, 44.057, 42.576
Yxy	6.9591, 0.5349, 0.3627
Android (android.graphics.Color)	4286591517 (0xFF80321D)
YUV	70.9280, -20.6705, 50.0521
Hunter-Lab	26.3801, 23.2888, 14.0505

Details

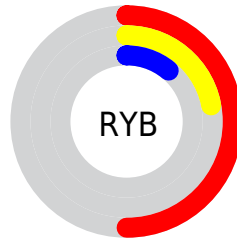
The YUV color **70.9280, -20.6705, 50.0521** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **86.0720, 20.6705, -50.0521**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.1630, -23.7444, 55.9850**, and **21.5280, -10.6133, 44.2639** is the 20% darker color. If you saturate the color by 10%, you get **63.5760, -23.4550, 56.4998**, and if you desaturate by 10%, it is **78.2800, -17.8860, 43.6044**.

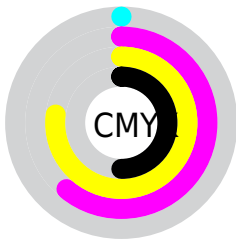
Distribution



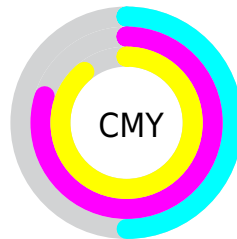
- Red (50%)
- Green (20%)
- Blue (11%)



- Red (50%)
- Yellow (22%)
- Blue (11%)



- Cyan (0%)
- Magenta (61%)
- Yellow (77%)
- Black (50%)



- Cyan (50%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.9280, -20.6705, 50.0521 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 70.9280, -20.6705, 50.0521 by changing the saturation by 10% instead.

■ 70.9280, -20.6705,
50.0521

■ 70.9280, -20.6705,
50.0521

■ 255.0000, 0.0000,
0.0000

■ 45.8460, -19.6441,
47.4931

■ 122.1630,
-23.7444, 55.9850

■ 21.5280, -10.6133,
44.2639

■ 149.1310,
-25.2076, 58.6441

■ 14.1670, -6.4913,
28.7945

■ 176.2130,
-26.2340, 61.2032

■ 0.0000, 0.0000,
0.0000

■ 198.3040,
-24.3069, 49.7224

■ 217.2310,
-20.3269, 33.1234

■ 237.3320,

-16.9257, 15.4948

252.3780,
-10.0464, 2.2995

70.9280, -20.6705,
50.0521

70.9280, -20.6705,
50.0521

63.5760, -23.4550,
56.4998

78.2800, -17.8860,
43.6044

56.2240, -26.2394,
62.9476

85.6320, -15.1016,
37.1567

54.1210, -26.6817,
64.7919

92.8700, -12.7539,
30.8090

100.2220, -9.9694,
24.3613

107.5740, -7.1850,
17.9136

■ 115.5130, -4.6899,
10.9511

■ 122.8650, -1.9054,
4.5034

■ 130.1030, 0.4422,
-1.8443

■ 137.4550, 3.2267,
-8.2920

Harmonies

Analogous

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



70.0380, -3.9627, 57.8487



70.9280, -20.6705, 50.0521



70.7350, -34.8724, 31.8044

Triad

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



70.9280, -20.6705, 50.0521



58.2850, -2.6055, -51.1159



64.8230, 38.5413, -41.9408

Complementary

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



70.9280, -20.6705, 50.0521



86.0720, 20.6705, -50.0521

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.



65.3820, 37.2797, -57.3400



70.9280, -20.6705, 50.0521



62.9760, 12.8298, -55.2300

Square

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



70.9280, -20.6705, 50.0521



63.0100, -22.1899, -22.8108



66.0370, 27.0968, -57.9144



76.5160, 24.3956, 15.3335

Rectangle

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



70.9280, -20.6705, 50.0521



69.7500, -34.3867, 16.0053



66.0370, 27.0968, -57.9144



62.2020, 40.3264, -54.5512

Sweetspot

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



70.9280, -20.6705, 50.0521



144.0580, -7.9166, 19.2431



67.6070, 19.9137, 52.9647



70.8120, -4.8373, 11.5659



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



70.9280, -20.6705, 50.0521



76.8300, -31.9612, 78.2021



99.1040, -34.5613, 25.3418



60.2670, -1.6106, 3.2738



54.1210, -26.6817, 64.7919



0.0000, 0.0000, 0.0000

Inverse Universe

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



86.0720, 20.6705, -50.0521



100.5830, 32.2506, -77.6873



57.8960, 34.5613, -25.3418



60.7330, 1.6106, -3.2738



73.2920, 26.9710, -64.2771



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 70.9280, -20.6705, 50.0521 looks on a white background.

Color Contrast Check

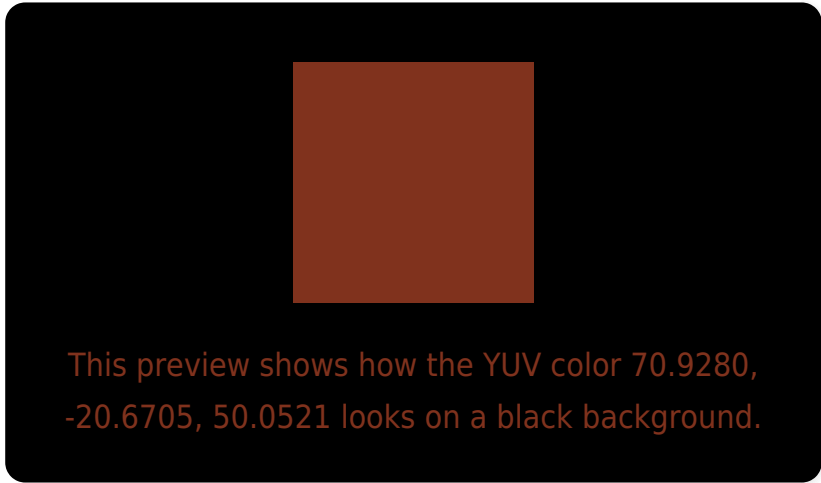
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

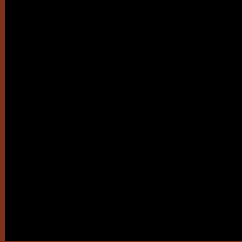
Any Text WCAG AA × Fail

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 70.9280, -20.6705, 50.0521 Background



This preview shows how black text looks on a background with the YUV color 70.9280, -20.6705, 50.0521.



This preview shows how white text looks on a background with the YUV color 70.9280, -20.6705,

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

70.9280, -20.6705, 50.0521

Protanopia

73.8320, -18.6512, 8.9173

Deuteranopia

73.2910, -24.7935, 19.0388



Tritanopia

71.8600, -10.7770, 50.1118

Trichromacy



Original Color

70.9280, -20.6705, 50.0521

Protanomaly

72.9910, -19.7156, 23.6869

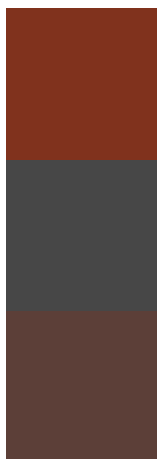
Deuteranomaly

72.4110, -23.3736, 30.3346

Tritanomaly

71.5350, -14.5608, 50.3968

Monochromacy



Original Color

70.9280, -20.6705, 50.0521

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8730, -7.3324, 18.5284

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.9280, -20.6705, 50.0521 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(128, 50, 29)` looks like.

```
.text, #text, p{  
    color:rgb(128, 50, 29)  
}
```

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(128, 50, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 50, 29) }
```

Border

The CSS property to change the border of an element to YUV 70.9280, -20.6705, 50.0521 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(128, 50, 29) }
```


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

```
.border{ border-color:rgb(128, 50, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 50, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 50, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 50, 29);  
box-shadow:4px 4px 4px 4px rgb(128, 50,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 70.9280, -20.6705, 50.0521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 50, 29) }
```

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

```
.background{ background-color: rgb(128, 50,  
29) }
```

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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