

Converting Colors

YUV(43.0580, -21.2276,
42.0451)

Have a look what the booklet for
YUV(43.0580, -21.2276, 42.0451)
contains.

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Color

**YUV(43.0580, -21.2276,
42.0451)**

Conversions

Conversions Part 1

Format	Color
Hex	5B1B00
RGB	91, 27, 0
RGB Percent	36%, 11%, 0%
CMY	0.6431, 0.8941, 1.0000
CMYK	0.00, 0.70, 1.00, 0.64
HSL	18°, 100%, 18%
HSV	18°, 100%, 36%
XYZ	4.7063, 3.0080, 0.3326
YIQ	43.0580, 46.8110, 5.1710

Conversions

Conversions Part 2

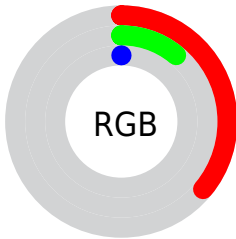
Format	Color
R_YB	91, 38, 0
Decimal	5970688
CIE Lab	20.08, 28.11, 29.86
CIE LCh	20, 41.004, 46.731
Yxy	3.0080, 0.5849, 0.3738
Android (android.graphics.Color)	4284160768 (0xFF5B1B00)
YUV	43.0580, -21.2276, 42.0451
Hunter-Lab	17.3436, 18.0859, 11.0037

Details

The YUV color **43.0580, -21.2276, 42.0451** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **47.9420, 21.2276, -42.0451**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.7490, -22.5543, 47.5781**, and **12.3730, -5.6069, 25.1059** is the 20% darker color. If you saturate the color by 10%, you get **43.0580, -21.2276, 42.0451**, and if you desaturate by 10%, it is **47.6060, -19.0328, 38.0565**.

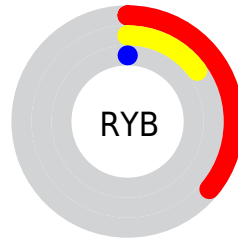
Distribution



Red (36%)

Green (11%)

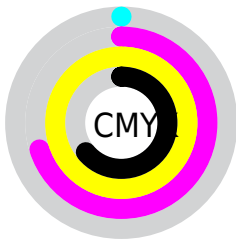
Blue (0%)



Red (36%)

Yellow (15%)

Blue (0%)

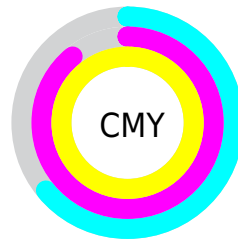


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.0580, -21.2276, 42.0451 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 43.0580, -21.2276, 42.0451 by changing the saturation by 10% instead.

■ 43.0580, -21.2276,
42.0451

■ 43.0580, -21.2276,
42.0451

■ 251.8080,
-12.2303, 2.7994

■ 20.8970, -10.3022,
37.8013

■ 92.7490, -22.5543,
47.5781

■ 12.3730, -5.6069,
25.1059

■ 118.4180,
-23.8701, 49.6224

■ 0.0000, 0.0000,
0.0000


■ 144.7990,
-25.0439, 52.7963


■ 172.1690,
-26.2123, 54.2258


■ 197.1470,
-26.2015, 50.7371


■ 216.0740,


-22.2215, 34.1381


 236.2890,
-18.3835, 16.4095


 43.0580, -21.2276,
42.0451

 47.6060, -19.0328,
38.0565

 52.7410, -17.1273,
33.5531

 57.2890, -14.9325,
29.5645

 62.4240, -13.0270,
25.0612

 67.0860, -10.3954,
20.9726

■ 71.6340, -8.2006,
16.9840

■ 76.7690, -6.2951,
12.4806

■ 81.3170, -4.1003,
8.4920

■ 86.4520, -2.1948,
3.9886

Harmonies

Analogous

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



38.9450, -2.9309, 53.5452



43.0580, -21.2276, 42.0451



46.1820, -22.7677, 22.6424

Triad

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



43.0580, -21.2276, 42.0451



39.0960, -2.5123, -34.2872



39.2000, 33.4254, -34.3784

Complementary

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



43.0580, -21.2276, 42.0451



47.9420, 21.2276, -42.0451

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.



45.0700, 30.5315, -39.5264



43.0580, -21.2276, 42.0451



43.2170, 10.7390, -37.9013

Square

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



43.0580, -21.2276, 42.0451



34.3450, -16.9321, -29.2436



45.7080, 22.8220, -40.0859



49.3870, 20.0222, 18.0776

Rectangle

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



43.0580, -21.2276, 42.0451



45.2080, -22.2875, 8.5876



45.7080, 22.8220, -40.0859



41.7760, 33.1414, -36.6376

Sweetspot

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



43.0580, -21.2276, 42.0451



98.9220, -8.3425, 15.8544



34.6190, 14.9778, 49.4461



47.8010, -4.8319, 9.8215



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



43.0580, -21.2276, 42.0451



55.5280, -27.3753, 53.9109



68.8860, -33.9608, 19.3940



43.6690, -1.3158, 2.0443



52.2610, -25.7647, 50.6371



111.9530, -55.1928, 109.6662

Inverse Universe

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



47.9420, 21.2276, -42.0451



61.4720, 27.3753, -53.9109



22.1140, 33.9608, -19.3940



43.9180, 1.0264, -2.5591



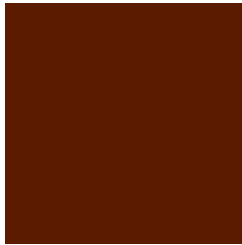
57.7390, 25.7647, -50.6371



125.0470, 55.1928, -109.6662

Previews

White Background



This preview shows how the YUV color 43.0580, -21.2276, 42.0451 looks on a white background.

Color Contrast Check

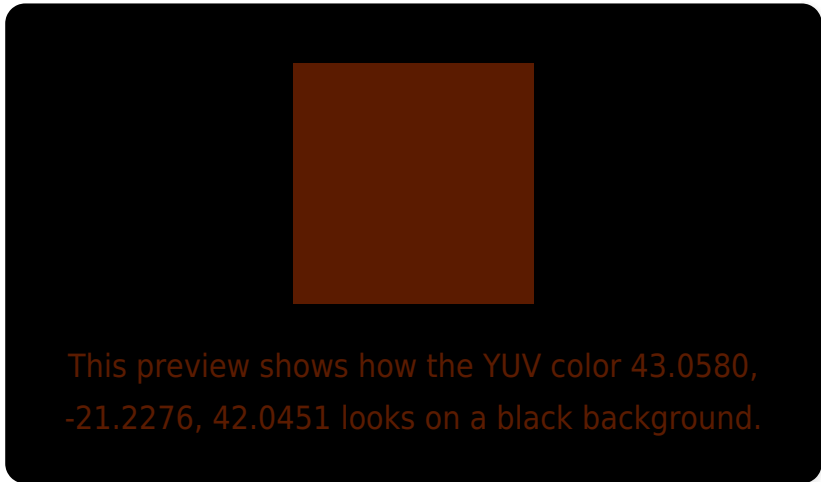
Large Text (above 18pt) WCAG AA ✓ Pass

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

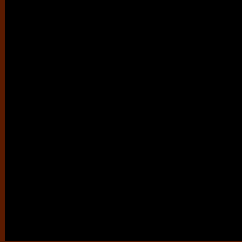
Any Text WCAG AA × Fail

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 43.0580, -21.2276, 42.0451 Background



This preview shows how black text looks on a background with the YUV color 43.0580, -21.2276, 42.0451.

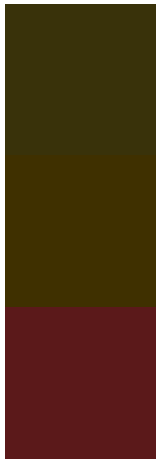


This preview shows how white text looks on a background with the YUV color 43.0580, -21.2276,

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



Protanopia

47.5330, -18.5038, 8.3026

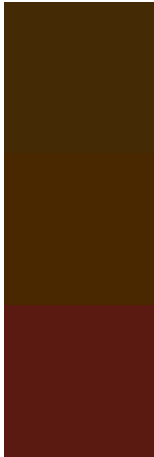
Deuteranopia

47.0130, -23.1774, 14.0206

Tritanopia

44.8480, -9.2921, 40.4753

Trichromacy



Protanomaly

45.9690, -19.7047, 20.1982

Deuteranomaly

45.3070, -22.3364, 24.2868

Tritanomaly

44.4090, -13.5126, 40.8603

Monochromacy



Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.7370, -7.7583, 15.1397

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.0580, -21.2276, 42.0451 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(91, 27, 0)` looks like.

```
.text, #text, p{  
    color:rgb(91, 27, 0)  
}
```

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(91, 27, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 27, 0) }
```

Border

The CSS property to change the border of an element to YUV 43.0580, -21.2276, 42.0451 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(91, 27, 0) }
```

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

```
.border{ border-color:rgb(91, 27, 0) }
```

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

Here you see how a box with a 4 pixel rgb(91, 27, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 27, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(91, 27, 0); box-shadow:4px  
4px 4px 4px rgb(91, 27, 0) }
```


Background

The CSS property to change the background color of an element to YUV 43.0580, -21.2276, 42.0451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 27, 0) }
```

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

```
.background{ background-color: rgb(91, 27,  
0) }
```

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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