

Converting Colors

YUV(42.0580, -11.3676, 6.0881)

Have a look what the booklet for
YUV(42.0580, -11.3676, 6.0881)
contains.

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Color

**YUV(42.0580, -11.3676,
6.0881)**

Conversions

Conversions Part 1

Format	Color
Hex	312B13
RGB	49, 43, 19
RGB Percent	19%, 17%, 7%
CMY	0.8078, 0.8314, 0.9255
CMYK	0.00, 0.12, 0.61, 0.81
HSL	48°, 44%, 13%
HSV	48°, 61%, 19%
XYZ	2.2480, 2.4277, 0.9662
YIQ	42.0580, 11.2800, -6.1920

Conversions

Conversions Part 2

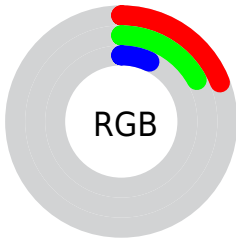
Format	Color
R_{YB}	27, 49, 19
Decimal	3222291
CIE Lab	17.59, -1.25, 16.51
CIE LCh	18, 16.553, 94.345
Yxy	2.4277, 0.3984, 0.4303
Android (android.graphics.Color)	4281412371 (0xFF312B13)
YUV	42.0580, -11.3676, 6.0881
Hunter-Lab	15.5812, -1.5133, 7.2302

Details

The YUV color **42.0580, -11.3676, 6.0881** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **25.9420, 11.3676, -6.0881**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.4280, -12.5360, 7.5176**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.9010, -13.2622, 7.1028**, and if you desaturate by 10%, it is **43.2150, -9.4730, 5.0734**.

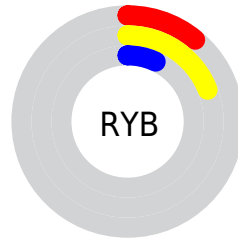
Distribution



Red (19%)

Green (17%)

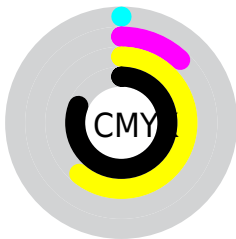
Blue (7%)



Red (11%)

Yellow (19%)

Blue (7%)

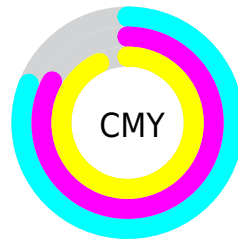


Cyan (0%)

Magenta (12%)

Yellow (61%)

Black (81%)



Cyan (81%)

Magenta (83%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.0580, -11.3676, 6.0881 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 42.0580, -11.3676, 6.0881 by changing the saturation by 10% instead.

■ 42.0580, -11.3676,
6.0881

■ 42.0580, -11.3676,
6.0881

■ 253.8600, -4.3680,
0.9998

■ 22.1720, -10.9308,
5.9882

■ 87.4280, -12.5360,
7.5176

■ 0.0000, 0.0000,
0.0000

■ 112.2000,
-13.4096, 7.7176

■ 137.4990,
-13.5570, 8.3324


■ 163.6840,
-14.1412, 9.0471


■ 190.8690,
-14.7254, 9.7619


■ 218.7550,


-15.1622, 9.8619


 246.4450,
-15.0094, 7.5027


 42.0580, -11.3676,
6.0881


 42.0580, -11.3676,
6.0881


 40.9010, -13.2622,
7.1028


 43.2150, -9.4730,
5.0734


 39.7440, -15.1568,
8.1175


 44.3720, -7.5784,
4.0588

 38.5870, -17.0514,
9.1322

 45.5290, -5.6838,
3.0441

 37.5440, -18.5092,
10.0469

 46.6860, -3.7892,
2.0294

 47.8430, -1.8946,
1.0147

■ 48.8860, -0.4368,
0.1000

■ 50.0430, 1.4578,
-0.9147

■ 51.2000, 3.3524,
-1.9294

■ 52.3570, 5.2470,
-2.9441

Harmonies

Analogous

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



43.0420, -10.3737, 13.9952



42.0580, -11.3676, 6.0881



40.3880, -8.5723, -3.8483

Triad

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



42.0580, -11.3676, 6.0881



35.1470, 10.2805, -30.8239



44.3420, 4.7614, 12.8551

Complementary

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



42.0580, -11.3676, 6.0881



25.9420, 11.3676, -6.0881

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.



44.1280, 9.3039, 2.5187



42.0580, -11.3676, 6.0881



35.4830, 14.0589, -29.3646

Square

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



42.0580, -11.3676, 6.0881



34.4910, 5.1809, -28.4946



41.8380, 12.4049, -12.1359



44.4800, -1.2226, 18.8730

Rectangle

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



42.0580, -11.3676, 6.0881



39.5550, -5.2036, -11.0107



41.8380, 12.4049, -12.1359



44.9610, 5.9352, 9.6812

Sweetspot

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



42.0580, -11.3676, 6.0881



60.8710, -4.3734, 2.7441



28.6540, -1.8014, 17.8434



31.6150, -2.7682, 1.2146



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



42.0580, -11.3676, 6.0881



52.7720, -17.6356, 9.8470



42.8890, -11.7773, -2.5337



25.0710, -1.0210, 0.8147



68.2880, -33.6660, 18.1644



166.4340, -82.0520, 44.3464

Inverse Universe

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



25.9420, 11.3676, -6.0881



28.2280, 17.6356, -9.8470



25.1110, 11.7773, 2.5337



23.3420, 1.3104, -0.2999



20.7120, 33.6660, -18.1644



49.9790, 82.3414, -43.8316

Previews

White Background



This preview shows how the YUV color 42.0580, -11.3676, 6.0881 looks on a white background.

Color Contrast Check

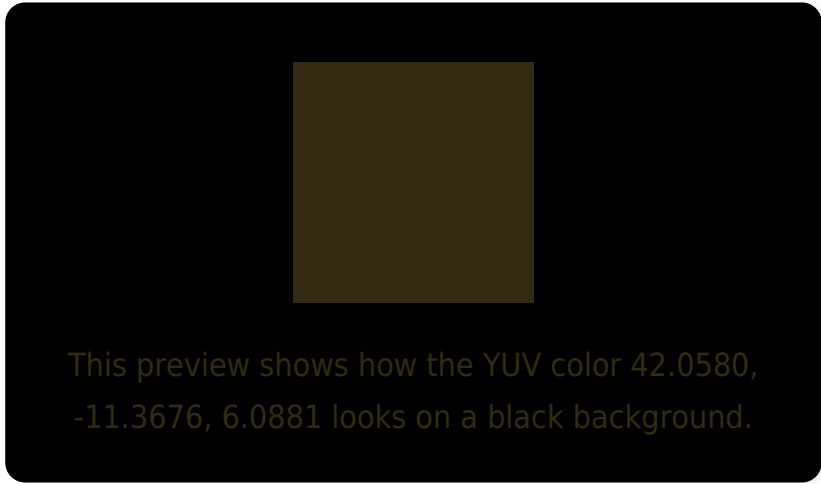
Large Text (above 18pt) WCAG AA ✓ Pass

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

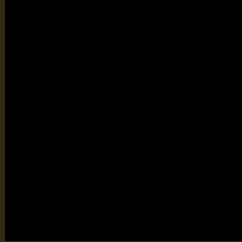
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.0580, -11.3676, 6.0881

Background



This preview shows how black text looks on a background with the YUV color 42.0580, -11.3676, 6.0881.

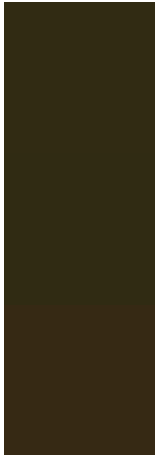


This preview shows how white text looks on a background with the YUV color 42.0580, -11.3676,

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

42.0580, -11.3676, 6.0881

Protanopia

41.7590, -11.2202, 5.4734

Deuteranopia

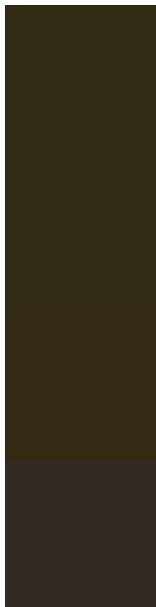
42.4930, -11.0890, 10.0916



Tritanopia

43.7450, 0.1257, 6.3626

Trichromacy



Original Color

42.0580, -11.3676, 6.0881

Protanomaly

41.7590, -11.2202, 5.4734

Deuteranomaly

42.4820, -11.0836, 8.3473

Tritanomaly

43.0070, -3.9475, 6.1329

Monochromacy



Original Color

42.0580, -11.3676, 6.0881

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.9850, -3.9366, 2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.0580, -11.3676, 6.0881 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(49, 43, 19)` looks like.

```
.text, #text, p{  
    color:rgb(49, 43, 19)  
}
```

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(49, 43, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 43, 19) }
```

Border

The CSS property to change the border of an element to YUV 42.0580, -11.3676, 6.0881 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(49, 43, 19) }
```


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

```
.border{ border-color:rgb(49, 43, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 43, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 43, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 43, 19);  
box-shadow:4px 4px 4px 4px rgb(49, 43, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.0580, -11.3676, 6.0881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 43, 19) }
```

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

```
.background{ background-color: rgb(49, 43,  
19) }
```

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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