

Converting Colors

YUV(72.1780, -13.3988, 4.2289)

Have a look what the booklet for
YUV(72.1780, -13.3988, 4.2289)
contains.

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Color

**YUV(72.1780, -13.3988,
4.2289)**

Conversions

Conversions Part 1

Format	Color
Hex	4D4B2D
RGB	77, 75, 45
RGB Percent	30%, 29%, 18%
CMY	0.6980, 0.7059, 0.8235
CMYK	0.00, 0.03, 0.42, 0.70
HSL	56°, 26%, 24%
HSV	56°, 42%, 30%
XYZ	6.0503, 6.7994, 3.4762
YIQ	72.1780, 10.8220, -8.9060

Conversions

Conversions Part 2

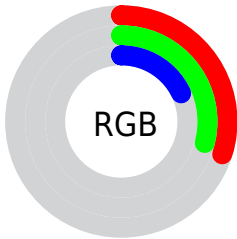
Format	Color
RYB	47, 77, 45
Decimal	5065517
CIELab	31.35, -4.44, 18.18
CIElCh	31, 18.717, 103.709
Yxy	6.7994, 0.3706, 0.4165
Android (android.graphics.Color)	4283255597 (0xFF4D4B2D)
YUV	72.1780, -13.3988, 4.2289
Hunter-Lab	26.0757, -4.2153, 10.3490

Details

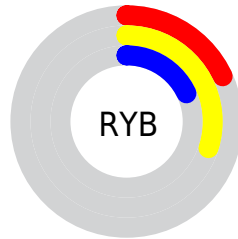
The YUV color **72.1780, -13.3988, 4.2289** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **49.8220, 13.3988, -4.2289**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.1350, -14.8566, 5.1436**, and **28.0640, -13.8356, 4.3289** is the 20% darker color. If you saturate the color by 10%, you get **71.2660, -16.8931, 5.0287**, and if you desaturate by 10%, it is **73.0900, -9.9044, 3.4291**.

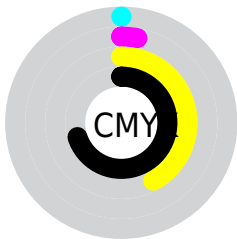
Distribution



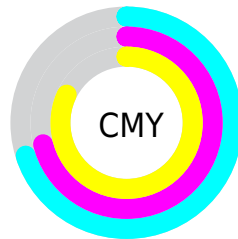
- Red (30%)
- Green (29%)
- Blue (18%)



- Red (18%)
- Yellow (30%)
- Blue (18%)



- Cyan (0%)
- Magenta (3%)
- Yellow (42%)
- Black (70%)



- Cyan (70%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.1780, -13.3988, 4.2289 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 72.1780, -13.3988, 4.2289 by changing the saturation by 10% instead.

72.1780, -13.3988,
4.2289

72.1780, -13.3988,
4.2289

255.0000, 0.0000,
0.0000

49.4060, -12.5252,
4.0289

121.1350,
-14.8566, 5.1436

28.0640, -13.8356,
4.3289

146.4340,
-15.0040, 5.7584

4.6960, -2.3151,
-4.1184

173.3200,
-15.4408, 5.8584

0.0000, 0.0000,
0.0000

200.2060,
-15.8776, 5.9583

228.9780,
-16.7512, 6.1583

251.3520,

-13.9775, 3.1993

254.6580, -1.3104,
0.2999

■ 72.1780, -13.3988,
4.2289

■ 72.1780, -13.3988,
4.2289

■ 71.2660, -16.8931,
5.0287

■ 73.0900, -9.9044,
3.4291

■ 69.8810, -19.6613,
6.2434

■ 74.4750, -7.1362,
2.2144

■ 68.9690, -23.1557,
7.0432

■ 75.3870, -3.6418,
1.4146

■ 67.4700, -26.3607,
8.3578

■ 76.8860, -0.4368,
0.1000

■ 66.5580, -29.8551,
9.1576

■ 77.7980, 3.0576,
-0.6998

■ 65.2870, -32.1865,
10.2723

■ 79.1830, 5.8258,
-1.9145

■ 80.0950, 9.3202,
-2.7143

■ 81.5940, 12.5252,
-4.0289

■ 82.3920, 15.5827,
-4.7288

Harmonies

Analogous

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



73.5430, -13.5787, 15.3098



72.1780, -13.3988, 4.2289



70.5400, -9.1402, -8.3666

Triad

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



72.1780, -13.3988, 4.2289



65.1400, 14.2280, -36.9568



75.9190, 2.9979, 18.4880

Complementary

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



72.1780, -13.3988, 4.2289



49.8220, 13.3988, -4.2289

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.



75.8620, 9.4350, 7.1370



72.1780, -13.3988, 4.2289



69.6730, 15.9372, -25.1462

Square

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



72.1780, -13.3988, 4.2289



65.0280, 7.3812, -34.2276



73.6150, 13.9938, -8.4324



75.4160, -4.1491, 24.1912

Rectangle

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



72.1780, -13.3988, 4.2289



69.0380, -4.4557, -17.5733



73.6150, 13.9938, -8.4324



76.1790, 5.3348, 15.6290

Sweetspot

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



72.1780, -13.3988, 4.2289



97.7460, -4.8048, 1.0998



54.7960, -3.8434, 19.4729



50.2020, -3.0576, 0.6998



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



72.1780, -13.3988, 4.2289



91.6530, -20.5349, 6.4433



69.1660, -11.9138, -5.4076



37.5440, -1.7472, 0.3999



86.8500, -42.8170, 13.2866



194.9750, -96.1227, 30.7169

Inverse Universe

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



49.8220, 13.3988, -4.2289



57.3470, 20.5349, -6.4433



52.8340, 11.9138, 5.4076



35.0430, 1.4578, -0.9147



15.1500, 42.8170, -13.2866



34.4380, 96.4121, -30.2021

Previews

White Background



This preview shows how the YUV color 72.1780, -13.3988, 4.2289 looks on a white background.

Color Contrast Check

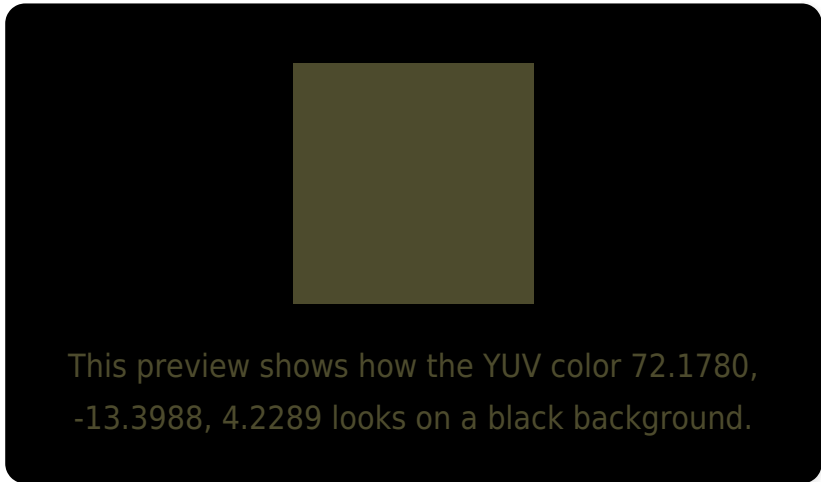
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.1780, -13.3988, 4.2289

Background



This preview shows how black text looks on a background with the YUV color 72.1780, -13.3988, 4.2289.

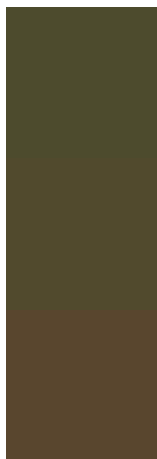


This preview shows how white text looks on a background with the YUV color 72.1780, -13.3988,

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

72.1780, -13.3988, 4.2289

Protanopia

72.7870, -13.6990, 7.2028

Deuteranopia

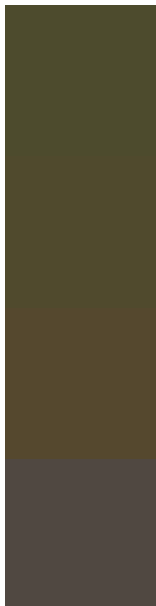
72.9450, -13.2839, 14.0802



Tritanopia

74.6740, 1.1467, 5.5479

Trichromacy



Original Color

72.1780, -13.3988, 4.2289

Protanomaly

72.4880, -13.5516, 6.5880

Deuteranomaly

72.9230, -13.2730, 10.5915

Tritanomaly

73.5940, -4.2368, 5.6181

Monochromacy



Original Color

72.1780, -13.3988, 4.2289

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0450, -4.9522, 1.7145

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.1780, -13.3988, 4.2289 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(77, 75, 45)` looks like.

```
.text, #text, p{  
    color:rgb(77, 75, 45)  
}
```

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(77, 75, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 75, 45) }
```

Border

The CSS property to change the border of an element to YUV 72.1780, -13.3988, 4.2289 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(77, 75, 45) }
```


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

```
.border{ border-color:rgb(77, 75, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 75, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 75, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 75, 45);  
box-shadow:4px 4px 4px 4px rgb(77, 75, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.1780, -13.3988, 4.2289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 75, 45) }
```

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

```
.background{ background-color: rgb(77, 75,  
45) }
```

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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