

Converting Colors

YUV(72.0620, -7.4256, 1.6996)

Have a look what the booklet for
YUV(72.0620, -7.4256, 1.6996)
contains.

| | |
|--|----|
| YUV(72.0620, -7.4256, 1.6996) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(72.0620, -7.4256,
1.6996)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 4A4A39 |
| RGB | 74, 74, 57 |
| RGB Percent | 29%, 29%, 22% |
| CMY | 0.7098, 0.7098, 0.7765 |
| CMYK | 0.00, 0.00, 0.23, 0.71 |
| HSL | 60°, 13%, 26% |
| HSV | 60°, 23%, 29% |
| XYZ | 6.0113, 6.6488, 4.8374 |
| YIQ | 72.0620, 5.4570, -5.2870 |

Conversions

Conversions Part 2

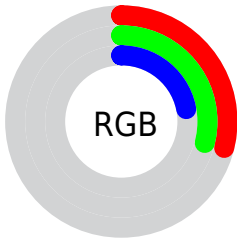
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 57, 74, 57 |
| Decimal | 4868665 |
| CIELab | 30.99, -3.35, 10.19 |
| CIElCh | 31, 10.724, 108.188 |
| Yxy | 6.6488, 0.3436, 0.3800 |
| Android (android.graphics.Color) | 4283058745 (0xFF4A4A39) |
| YUV | 72.0620, -7.4256, 1.6996 |
| Hunter-Lab | 25.7853, -3.5105, 6.9267 |

Details

The YUV color **72.0620, -7.4256, 1.6996** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **58.9380, 7.4256, -1.6996**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.8340, -8.2992, 1.8996**, and **28.1760, -6.9888, 1.5996** is the 20% darker color. If you saturate the color by 10%, you get **71.2640, -10.4832, 2.3995**, and if you desaturate by 10%, it is **72.8600, -4.3680, 0.9998**.

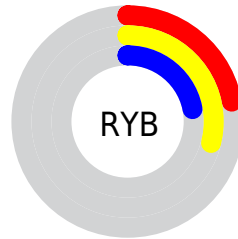
Distribution



Red (29%)

Green (29%)

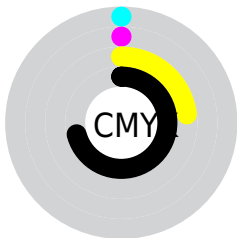
Blue (22%)



Red (22%)

Yellow (29%)

Blue (22%)

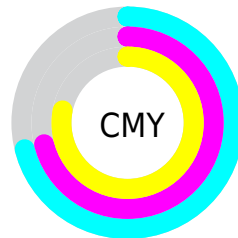


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (71%)



Cyan (71%)

Magenta (71%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.0620, -7.4256, 1.6996 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 72.0620, -7.4256, 1.6996 by changing the saturation by 10% instead.

■ 72.0620, -7.4256,
1.6996

■ 72.0620, -7.4256,
1.6996

255.0000, 0.0000,
0.0000

■ 49.1760, -6.9888,
1.5996

■ 120.8340, -8.2992,
1.8996

■ 28.1760, -6.9888,
1.5996

■ 146.1330, -8.4466,
2.5144

■ 3.5220, -1.7363,
-3.0888

■ 172.7200, -8.7360,
1.9996

■ 0.0000, 0.0000,
0.0000

■ 200.0190, -8.8834,
2.6143

■ 228.0190, -8.8834,
2.6143

■ 253.0620, -7.4256,

1.6996

■ 72.0620, -7.4256,
1.6996

■ 72.0620, -7.4256,
1.6996

■ 71.2640, -10.4832,
2.3995

■ 72.8600, -4.3680,
0.9998

■ 70.3520, -13.9775,
3.1993

■ 73.7720, -0.8736,
0.2000

■ 69.5540, -17.0351,
3.8991

■ 74.5700, 2.1840,
-0.4999

■ 68.6420, -20.5295,
4.6990

■ 75.4820, 5.6784,
-1.2997

■ 67.8440, -23.5871,
5.3988

■ 76.2800, 8.7360,
-1.9996

■ 67.0460, -26.6447,
6.0987

■ 77.0780, 11.7935,
-2.6994

■ 66.1340, -30.1391,
6.8985

■ 77.9900, 15.2879,
-3.4992

■ 65.5640, -32.3231,
7.3984

■ 78.7880, 18.3455,
-4.1991

■ 79.7000, 21.8399,
-4.9989

Harmonies

Analogous

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



72.9920, -7.8841, 8.7770



72.0620, -7.4256, 1.6996



70.8160, -4.3463, -5.9776

Triad

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



72.0620, -7.4256, 1.6996



70.4370, 7.1796, -16.1692



74.4190, 1.2724, 11.9105

Complementary

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



72.0620, -7.4256, 1.6996



58.9380, 7.4256, -1.6996

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.



74.2980, 4.7831, 5.8777



72.0620, -7.4256, 1.6996



71.8120, 8.4737, -11.2361

Square

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



72.0620, -7.4256, 1.6996



69.6280, 4.1274, -17.2138



73.3400, 7.7204, -2.9292



73.9910, -2.9536, 14.0399

Rectangle

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



72.0620, -7.4256, 1.6996



70.0650, -2.0040, -10.5810



73.3400, 7.7204, -2.9292



74.6360, 2.1515, 9.9662

Sweetspot

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



72.0620, -7.4256, 1.6996



96.2020, -3.0576, 0.6998



62.0830, -2.5059, 10.4512



47.6580, -1.3104, 0.2999



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



72.0620, -7.4256, 1.6996



93.9220, -11.7935, 2.6994



69.6700, -6.2463, -3.2186



37.5440, -1.7472, 0.3999



90.3720, -44.5534, 10.1978



203.7800, -100.4635, 22.9949

Inverse Universe

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



58.9380, 7.4256, -1.6996



73.0780, 11.7935, -2.6994



61.6290, 6.0989, 3.8334



34.4560, 1.7472, -0.3999



11.6280, 44.5534, -10.1978



26.2200, 100.4635, -22.9949

Previews

White Background



This preview shows how the YUV color 72.0620, -7.4256, 1.6996 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 72.0620, -7.4256, 1.6996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

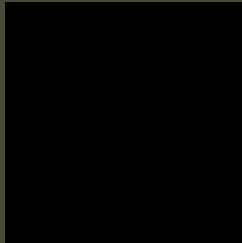
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

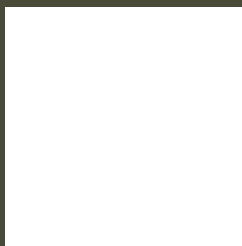
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 72.0620, -7.4256, 1.6996

Background



This preview shows how black text looks on a background with the YUV color 72.0620, -7.4256, 1.6996.



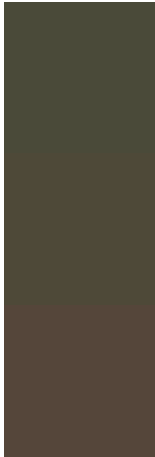
This preview shows how white text looks on a background with the YUV color 72.0620, -7.4256,

1.6996.

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

72.0620, -7.4256, 1.6996

Protanopia

72.5570, -8.1626, 4.7735

Deuteranopia

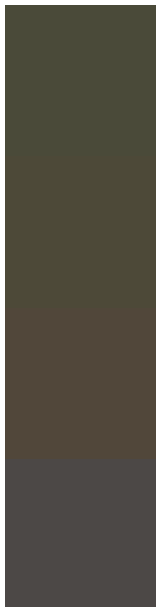
73.1170, -7.4527, 10.4214



Tritanopia

73.4780, 1.7363, 3.0888

Trichromacy



Original Color

72.0620, -7.4256, 1.6996

Protanomaly

72.2580, -8.0152, 4.1587

Deuteranomaly

72.5080, -7.1524, 7.4475

Tritanomaly

72.9680, -1.4632, 2.6591

Monochromacy



Original Color

72.0620, -7.4256, 1.6996

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.3160, -2.6208, 0.5999

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.0620, -7.4256, 1.6996 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(74, 74, 57)` looks like.

```
.text, #text, p{  
    color:rgb(74, 74, 57)  
}
```

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(74, 74, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 74, 57) }
```

Border

The CSS property to change the border of an element to YUV 72.0620, -7.4256, 1.6996 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(74, 74, 57) }
```


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

```
.border{ border-color:rgb(74, 74, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 74, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 74, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 74, 57);  
box-shadow:4px 4px 4px 4px rgb(74, 74, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.0620, -7.4256, 1.6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 74, 57) }
```

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

```
.background{ background-color: rgb(74, 74,  
57) }
```

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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