

Converting Colors

YUV(72.6910, -1.3267, 5.5330)

Have a look what the booklet for
YUV(72.6910, -1.3267, 5.5330)
contains.

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Color

**YUV(72.6910, -1.3267,
5.5330)**

Conversions

Conversions Part 1

Format	Color
Hex	4F4646
RGB	79, 70, 70
RGB Percent	31%, 27%, 27%
CMY	0.6902, 0.7255, 0.7255
CMYK	0.00, 0.11, 0.11, 0.69
HSL	0°, 6%, 29%
HSV	0°, 11%, 31%
XYZ	6.5201, 6.4848, 6.7024
YIQ	72.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

Format	Color
R_{YB}	79, 70, 70
Decimal	5195334
CIE Lab	30.60, 3.80, 1.38
CIE LCh	31, 4.045, 20.000
Yxy	6.4848, 0.3308, 0.3291
Android (android.graphics.Color)	4283385414 (0xFF4F4646)
YUV	72.6910, -1.3267, 5.5330
Hunter-Lab	25.4652, 1.1389, 2.2207

Details

The YUV color **72.6910, -1.3267, 5.5330** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **76.3090, 1.3267, -5.5330**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9900, -1.4741, 6.1478**, and **29.3920, -1.1793, 4.9182** is the 20% darker color. If you saturate the color by 10%, you get **67.0830, -2.5059, 10.4512**, and if you desaturate by 10%, it is **78.2990, -0.1474, 0.6148**.

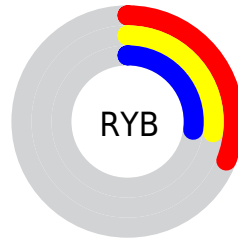
Distribution



Red (31%)

Green (27%)

Blue (27%)



Red (31%)

Yellow (27%)

Blue (27%)

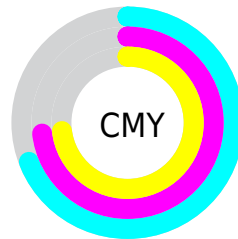


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (69%)



Cyan (69%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.6910, -1.3267, 5.5330 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 72.6910, -1.3267, 5.5330 by changing the saturation by 10% instead.

■ 72.6910, -1.3267,
5.5330

■ 72.6910, -1.3267,
5.5330

255.0000, 0.0000,
0.0000

■ 50.3920, -1.1793,
4.9182

■ 120.9900, -1.4741,
6.1478

■ 29.3920, -1.1793,
4.9182

■ 146.9900, -1.4741,
6.1478

■ 3.8870, -1.9163,
7.9921

■ 173.2890, -1.6215,
6.7625

■ 0.0000, 0.0000,
0.0000

■ 201.2890, -1.6215,
6.7625

■ 229.2890, -1.6215,
6.7625

254.2990, -0.1474,

0.6148

■ 72.6910, -1.3267,
5.5330

■ 72.6910, -1.3267,
5.5330

■ 67.0830, -2.5059,
10.4512

■ 78.2990, -0.1474,
0.6148

■ 61.4750, -3.6852,
15.3694

■ 83.9070, 1.0318,
-4.3034

■ 55.8670, -4.8644,
20.2876

■ 89.5150, 2.2111,
-9.2217

■ 50.2590, -6.0437,
25.2059

■ 95.1230, 3.3904,
-14.1399

■ 45.3520, -7.0755,
29.5093

■ 100.7310, 4.5696,
-19.0581

■ 39.7440, -8.2548,
34.4275

■ 105.6380, 5.6015,
-23.3615

■ 34.1360, -9.4340,
39.3457

■ 111.2460, 6.7807,
-28.2797

■ 28.5280, -10.6133,
44.2639

■ 116.8540, 7.9600,
-33.1980

■ 23.6210, -11.6452,
48.5674

■ 122.4620, 9.1392,
-38.1162

Harmonies

Analogous

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



72.7340, 0.1311, 4.6183



72.6910, -1.3267, 5.5330



72.6370, -2.7790, 4.7034

Triad

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



72.6910, -1.3267, 5.5330



71.2340, -1.5944, -1.9592



72.0750, 2.9210, -3.5738

Complementary

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



72.6910, -1.3267, 5.5330



76.3090, 1.3267, -5.5330

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.



71.0640, 2.9264, -5.3181



72.6910, -1.3267, 5.5330



71.2660, -0.1311, -4.6183

Square

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



72.6910, -1.3267, 5.5330



71.3160, -2.6208, 0.5999



71.0100, 1.4741, -6.1478



72.3850, 2.7682, -1.2146

Rectangle

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



72.6910, -1.3267, 5.5330



72.2240, -3.0684, 4.1886



71.0100, 1.4741, -6.1478



71.7760, 3.0684, -4.1886

Sweetspot

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



72.6910, -1.3267, 5.5330



99.8970, -0.4422, 1.8443



73.7170, 2.6045, 4.6332



49.5980, -0.2948, 1.2296



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.



72.6910, -1.3267, 5.5330



92.1860, -2.0637, 8.6069



75.6260, -2.7736, 2.9590



35.1960, -0.5896, 2.4591



30.4980, -15.0355, 62.7073



68.7700, -33.9036, 141.3987

Inverse Universe

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



76.3090, 1.3267, -5.5330



97.8140, 2.0637, -8.6069



73.9610, 2.4842, -3.4738



36.8040, 0.5896, -2.4591



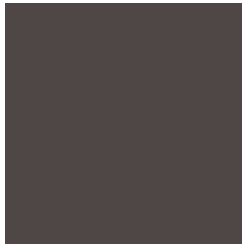
71.5020, 15.0355, -62.7073



161.2300, 33.9036, -141.3987

Previews

White Background



This preview shows how the YUV color 72.6910, -1.3267, 5.5330 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 72.6910, -1.3267, 5.5330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

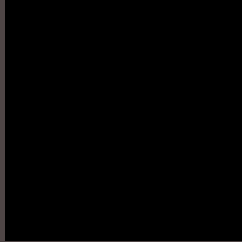
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.6910, -1.3267, 5.5330

Background



This preview shows how black text looks on a background with the YUV color 72.6910, -1.3267, 5.5330.

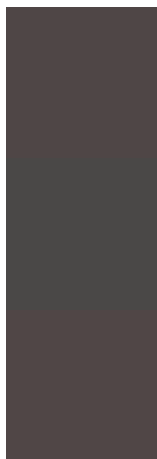


This preview shows how white text looks on a background with the YUV color 72.6910, -1.3267,

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

72.6910, -1.3267, 5.5330

Protanopia

72.4840, -0.7316, 1.3295

Deuteranopia

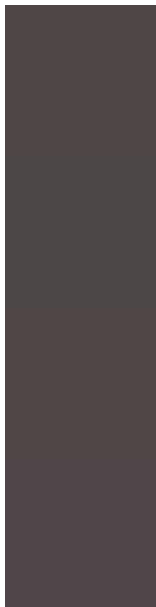
72.9900, -1.4741, 6.1478



Tritanopia

72.9730, 0.9993, 6.1627

Trichromacy



Original Color

72.6910, -1.3267, 5.5330

Protanomaly

72.4950, -0.7370, 3.0739

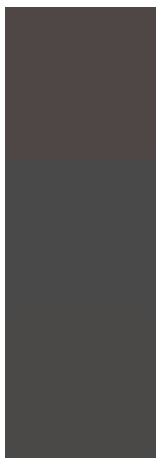
Deuteranomaly

72.9900, -1.4741, 6.1478

Tritanomaly

72.7450, 0.1257, 6.3626

Monochromacy



Original Color

72.6910, -1.3267, 5.5330

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.8970, -0.4422, 1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6910, -1.3267, 5.5330 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(79, 70, 70)` looks like.

```
.text, #text, p{  
    color:rgb(79, 70, 70)  
}
```

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(79, 70, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 70, 70) }
```

Border

The CSS property to change the border of an element to YUV 72.6910, -1.3267, 5.5330 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(79, 70, 70) }
```


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

```
.border{ border-color:rgb(79, 70, 70) }
```

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

Here you see how a box with a 4 pixel rgb(79, 70, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 70, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 70, 70);  
box-shadow:4px 4px 4px 4px rgb(79, 70, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.6910, -1.3267, 5.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 70, 70) }
```

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

```
.background{ background-color: rgb(79, 70,  
70) }
```

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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