

Converting Colors

YUV(72.7290, 1.1196, 14.2697)

Have a look what the booklet for
YUV(72.7290, 1.1196, 14.2697)
contains.

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Color

**YUV(72.7290, 1.1196,
14.2697)**

Conversions

Conversions Part 1

Format	Color
Hex	59404B
RGB	89, 64, 75
RGB Percent	35%, 25%, 29%
CMY	0.6510, 0.7490, 0.7059
CMYK	0.00, 0.28, 0.16, 0.65
HSL	334°, 16%, 30%
HSV	334°, 28%, 35%
XYZ	7.2232, 6.2986, 7.4917
YIQ	72.7290, 11.3690, 8.7210

Conversions

Conversions Part 2

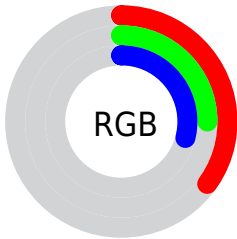
Format	Color
R_{YB}	89, 64, 75
Decimal	5849163
CIE _{Lab}	30.15, 12.85, -2.38
CIE _{LCh}	30, 13.067, 349.513
Yxy	6.2986, 0.3437, 0.2997
Android (android.graphics.Color)	4284039243 (0xFF59404B)
YUV	72.7290, 1.1196, 14.2697
Hunter-Lab	25.0971, 7.4544, -0.1305

Details

The YUV color **72.7290, 1.1196, 14.2697** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **80.2710, -1.1196, -14.2697**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.4410, 1.2616, 15.3992**, and **28.7180, 1.1250, 12.5253** is the 20% darker color. If you saturate the color by 10%, you get **66.8760, 1.5401, 19.4027**, and if you desaturate by 10%, it is **78.5820, 0.6991, 9.1366**.

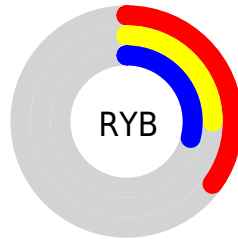
Distribution



 Red (35%)

 Green (25%)

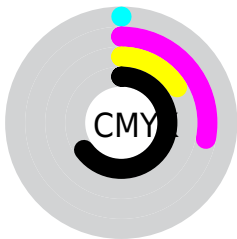
 Blue (29%)



 Red (35%)

 Yellow (25%)

 Blue (29%)

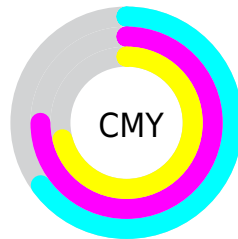


 Cyan (0%)

 Magenta (28%)

 Yellow (16%)

 Black (65%)



 Cyan (65%)

 Magenta (75%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.7290, 1.1196, 14.2697 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 72.7290, 1.1196, 14.2697 by changing the saturation by 10% instead.

■ 72.7290, 1.1196,
14.2697

■ 72.7290, 1.1196,
14.2697

■ 255.0000, 0.0000,
0.0000

■ 50.0170, 0.9776,
13.1401

■ 121.4410, 1.2616,
15.3992

■ 28.7180, 1.1250,
12.5253

■ 147.0390, 0.9668,
16.6288

■ 8.2730, -0.6276,
14.6696

■ 174.0390, 0.9668,
16.6288

■ 0.0000, 0.0000,
0.0000

■ 201.4520, 1.2562,
17.1436

■ 229.7510, 1.1088,
17.7584

■ 250.3040, 2.3151,

4.1184

■ 72.7290, 1.1196,
14.2697

■ 72.7290, 1.1196,
14.2697

■ 66.8760, 1.5401,
19.4027

■ 78.5820, 0.6991,
9.1366

■ 61.0230, 1.9607,
24.5358

■ 84.4350, 0.2785,
4.0035

■ 55.1700, 2.3812,
29.6689

■ 90.2880, -0.1420,
-1.1296

■ 49.3170, 2.8017,
34.8020

■ 96.1410, -0.5625,
-6.2627

■ 44.0510, 2.9329,
39.4203

■ 101.9940, -0.9830,
-11.3957

■ 38.1980, 3.3534,
44.5534

■ 107.2600, -1.1142,
-16.0140

■ 32.3450, 3.7739,
49.6864

■ 113.1130, -1.5347,
-21.1471

■ 31.0570, 3.9159,
50.8160

■ 118.9660, -1.9552,
-26.2802

■ 124.8190, -2.3758,
-31.4133

Harmonies

Analogous

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



72.5370, 5.6513, 7.4221



72.7290, 1.1196, 14.2697



72.4860, -3.6906, 17.1138

Triad

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



72.7290, 1.1196, 14.2697



69.7200, -8.7360, 1.9996



66.9850, 9.3744, -20.1578

Complementary

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



72.7290, 1.1196, 14.2697



80.2710, -1.1196, -14.2697

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.



66.5350, 5.1592, -21.5172



72.7290, 1.1196, 14.2697



68.5770, -5.2145, -7.5220

Square

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



72.7290, 1.1196, 14.2697



70.8350, -9.7787, 9.7917



67.4880, -0.2406, -16.2140



69.3710, 10.6631, -13.4804

Rectangle

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



72.7290, 1.1196, 14.2697



72.0900, -6.4534, 16.5841



67.4880, -0.2406, -16.2140



66.7460, 8.5062, -21.7022

Sweetspot

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



72.7290, 1.1196, 14.2697



109.1470, 0.4205, 5.1331



71.0360, 8.8563, 6.1074



55.0220, -0.0108, 3.4887



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.



72.7290, 1.1196, 14.2697



89.5990, 1.6767, 22.2767



72.0620, -3.9746, 14.8546



40.4240, 0.2840, 2.2592



37.3510, 4.7570, 61.0822



82.0070, 10.3495, 134.1749

Inverse Universe

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



72.7290, 1.1196, 14.2697



89.5990, 1.6767, 22.2767



80.9380, 3.9746, -14.8546



40.4240, 0.2840, 2.2592



37.3510, 4.7570, 61.0822



82.0070, 10.3495, 134.1749

Previews

White Background



This preview shows how the YUV color 72.7290, 1.1196, 14.2697 looks on a white background.

Color Contrast Check

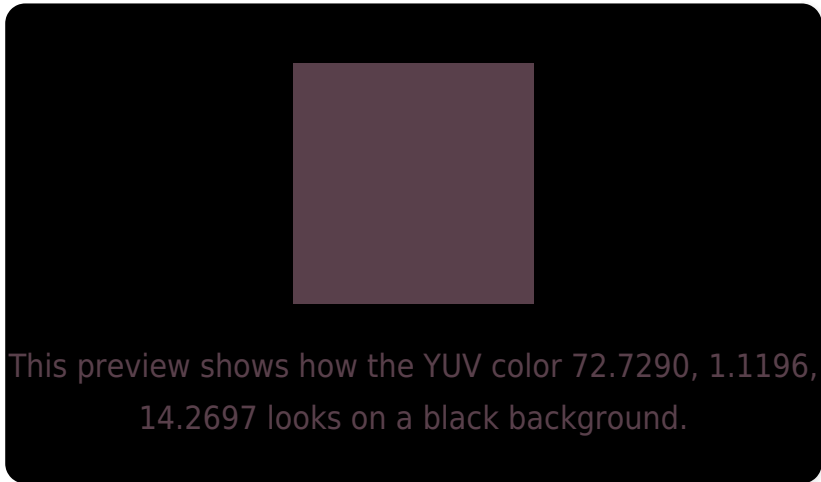
Large Text (above 18pt) WCAG AA ✓ Pass

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

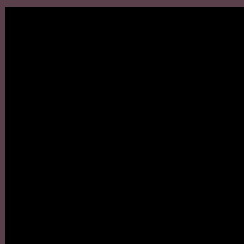
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.7290, 1.1196, 14.2697

Background



This preview shows how black text looks on a background with the YUV color 72.7290, 1.1196, 14.2697.



This preview shows how white text looks on a background with the YUV color 72.7290, 1.1196,

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

72.7290, 1.1196, 14.2697

Protanopia

71.6130, 3.6418, -1.4146

Deuteranopia

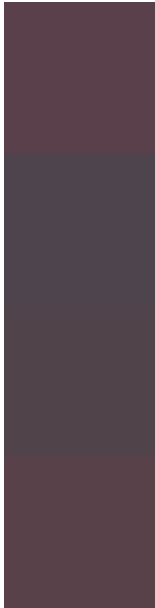
71.9620, 1.0047, 4.4183



Tritanopia

72.4470, -1.2064, 13.6400

Trichromacy



Original Color

72.7290, 1.1196, 14.2697

Protanomaly

71.8310, 3.0413, 4.5332

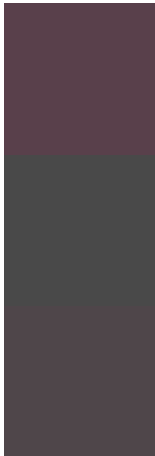
Deuteranomaly

71.9840, 0.9939, 7.9070

Tritanomaly

72.6750, -0.3328, 13.4400

Monochromacy



Original Color

72.7290, 1.1196, 14.2697

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.1470, 0.4205, 5.1331

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.7290, 1.1196, 14.2697 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(89, 64, 75)` looks like.

```
.text, #text, p{  
    color:rgb(89, 64, 75)  
}
```

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(89, 64, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 64, 75) }
```

Border

The CSS property to change the border of an element to YUV 72.7290, 1.1196, 14.2697 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(89, 64, 75) }
```


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

```
.border{ border-color:rgb(89, 64, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 64, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 64, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 64, 75);  
box-shadow:4px 4px 4px 4px rgb(89, 64, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.7290, 1.1196, 14.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 64, 75) }
```

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

```
.background{ background-color: rgb(89, 64,  
75) }
```

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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