

Converting Colors

YUV(72.5900, 5.1321, -12.7954)

Have a look what the booklet for
YUV(72.5900, 5.1321, -12.7954)
contains.

YUV(72.5900, 5.1321, -12.7954)	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(72.5900, 5.1321,
-12.7954)**

Conversions

Conversions Part 1

Format	Color
Hex	3A4E53
RGB	58, 78, 83
RGB Percent	23%, 31%, 33%
CMY	0.7725, 0.6941, 0.6745
CMYK	0.30, 0.06, 0.00, 0.67
HSL	192°, 18%, 28%
HSV	192°, 30%, 33%
XYZ	6.0306, 6.9729, 9.2117
YIQ	72.5900, -13.5250, -2.6850

Conversions

Conversions Part 2

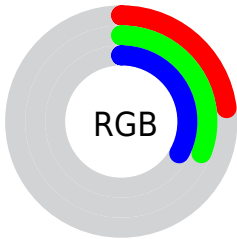
Format	Color
R _Y B	58, 69, 83
Decimal	3821139
CIE Lab	31.75, -6.37, -5.48
CIE LCh	32, 8.405, 220.691
Yxy	6.9729, 0.2715, 0.3139
Android (android.graphics.Color)	4282011219 (0xFF3A4E53)
YUV	72.5900, 5.1321, -12.7954
Hunter-Lab	26.4062, -5.4449, -2.1987

Details

The YUV color **72.5900, 5.1321, -12.7954** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68.4100, -5.1321, 12.7954**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.2910, 5.2795, -13.4102**, and **28.4760, 4.6953, -12.6955** is the 20% darker color. If you saturate the color by 10%, you get **69.0240, 6.8902, -16.6840**, and if you desaturate by 10%, it is **76.1560, 3.3741, -8.9068**.

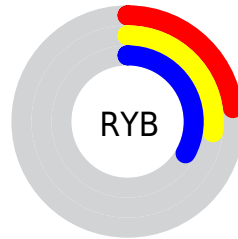
Distribution



Red (23%)

Green (31%)

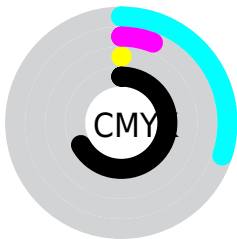
Blue (33%)



Red (23%)

Yellow (27%)

Blue (33%)

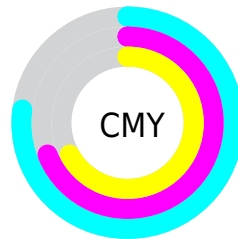


Cyan (30%)

Magenta (6%)

Yellow (0%)

Black (67%)



Cyan (77%)

Magenta (69%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.5900, 5.1321, -12.7954 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 72.5900, 5.1321, -12.7954 by changing the saturation by 10% instead.

■ 72.5900, 5.1321,
-12.7954

■ 72.5900, 5.1321,
-12.7954

■ 255.0000, 0.0000,
0.0000

■ 49.8890, 4.9847,
-12.1807

■ 121.2910, 5.2795,
-13.4102

■ 28.4760, 4.6953,
-12.6955

■ 147.1060, 5.8637,
-14.1250

■ 9.0960, 4.3897,
-7.9772

■ 173.9920, 5.4269,
-14.0250

■ 0.0000, 0.0000,
0.0000

■ 201.1060, 5.8637,
-14.1250

■ 228.8070, 6.0111,
-14.7397

■ 250.8140, 2.0637,

-8.6069

■ 72.5900, 5.1321,
-12.7954

■ 72.5900, 5.1321,
-12.7954

■ 69.0240, 6.8902,
-16.6840

■ 76.1560, 3.3741,
-8.9068

■ 65.7460, 8.5062,
-21.7022

■ 79.4340, 1.7580,
-3.8886

■ 62.1800, 10.2643,
-25.5909

■ 83.0000, 0.0000,
0.0000

■ 58.6140, 12.0223,
-29.4795

■ 86.5660, -1.7580,
3.8886

■ 55.6350, 13.4909,
-33.8829

■ 89.5450, -3.2267,
8.2920

■ 51.7700, 15.3964,
-38.3863

■ 93.4100, -5.1321,
12.7954

■ 48.2040, 17.1544,
-42.2749

■ 96.9760, -6.8902,
16.6840

■ 99.9550, -8.3588,
21.0875

■ 103.8200,
-10.2643, 25.5909

Harmonies

Analogous

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



72.4930, 2.2220, -12.7104



72.5900, 5.1321, -12.7954



73.9540, 6.4317, -9.6067

Triad

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



72.5900, 5.1321, -12.7954



76.0980, 1.4307, 7.8071



74.1160, -5.9732, 2.5293

Complementary

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



72.5900, 5.1321, -12.7954



68.4100, -5.1321, 12.7954

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.



75.0350, -6.4263, 7.8623



72.5900, 5.1321, -12.7954



75.9090, -1.9271, 11.4808

Square

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



72.5900, 5.1321, -12.7954



75.5750, 4.6465, 3.0037



75.5130, -4.6899, 10.9511



73.5390, -4.2097, -3.1037

Rectangle

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



72.5900, 5.1321, -12.7954



74.3890, 6.7102, -5.6032



75.5130, -4.6899, 10.9511



74.4260, -6.1260, 4.8884

Sweetspot

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



72.5900, 5.1321, -12.7954



102.8360, 2.0529, -5.1182



73.2450, -5.0508, -13.3699



51.0320, 1.4632, -2.6591



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



72.5900, 5.1321, -12.7954



90.9420, 7.9166, -19.2431



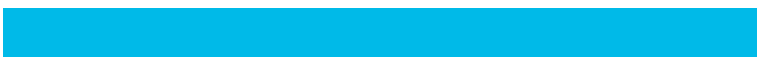
65.5460, 8.6048, -6.6178



39.2170, 0.8790, -1.9443



61.2780, 21.5549, -53.7408



135.6300, 47.5104, -118.9475

Inverse Universe

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



67.7550, 5.0508, 13.3699



83.7820, 7.5025, 20.3622



75.4540, -8.6048, 6.6178



38.5380, 0.7208, 2.1592



40.9710, 21.2133, 56.1534



90.5720, 47.0460, 124.0324

Previews

White Background



This preview shows how the YUV color 72.5900, 5.1321, -12.7954 looks on a white background.

Color Contrast Check

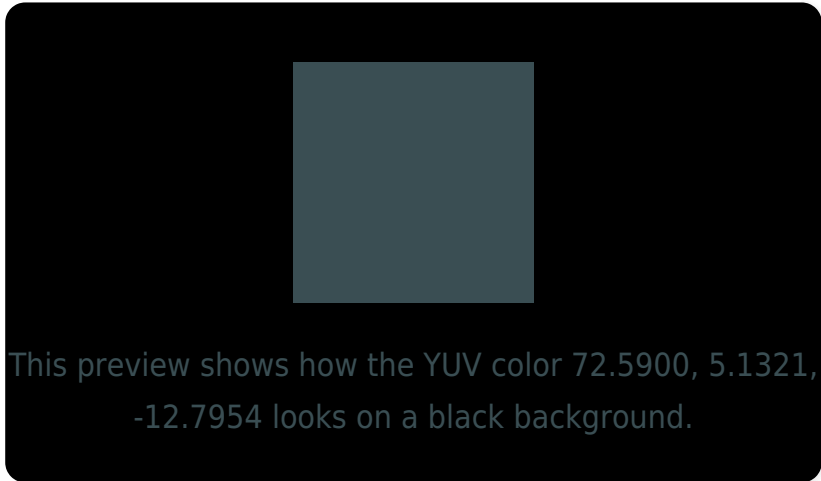
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.5900, 5.1321, -12.7954

Background



This preview shows how black text looks on a background with the YUV color 72.5900, 5.1321, -12.7954.



This preview shows how white text looks on a background with the YUV color 72.5900, 5.1321, -12.7954.

-12.7954.

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

72.5900, 5.1321, -12.7954

Protanopia

74.7980, 3.0576, -0.6998

Deuteranopia

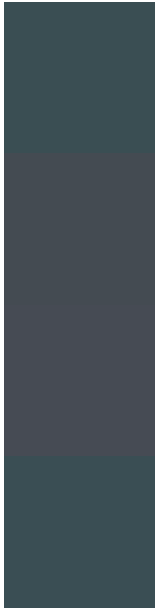
75.4500, 4.2152, 1.3594



Tritanopia

72.7040, 5.5689, -12.8954

Trichromacy



Original Color

72.5900, 5.1321, -12.7954

Protanomaly

73.7050, 4.0894, -5.0033

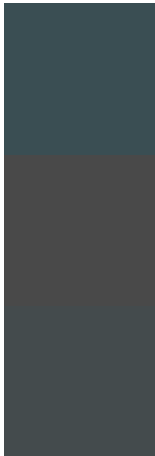
Deuteranomaly

74.5310, 4.6682, -3.9737

Tritanomaly

72.7040, 5.5689, -12.8954

Monochromacy



Original Color

72.5900, 5.1321, -12.7954

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.1350, 1.9054, -4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.5900, 5.1321, -12.7954 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(58, 78, 83)` looks like.

```
.text, #text, p{  
    color:rgb(58, 78, 83)  
}
```

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(58, 78, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 78, 83) }
```

Border

The CSS property to change the border of an element to YUV 72.5900, 5.1321, -12.7954 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(58, 78, 83) }
```


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

```
.border{ border-color:rgb(58, 78, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 78, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 78, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 78, 83);  
box-shadow:4px 4px 4px 4px rgb(58, 78, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.5900, 5.1321, -12.7954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 78, 83) }
```

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

```
.background{ background-color: rgb(58, 78,  
83) }
```

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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