

Converting Colors

YUV(73.2820, -1.1250, -12.5253)

Have a look what the booklet for
YUV(73.2820, -1.1250, -12.5253)
contains.

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Color

**YUV(73.2820, -1.1250,
-12.5253)**

Conversions

Conversions Part 1

Format	Color
Hex	3B5147
RGB	59, 81, 71
RGB Percent	23%, 32%, 28%
CMY	0.7686, 0.6824, 0.7216
CMYK	0.27, 0.00, 0.12, 0.68
HSL	153°, 16%, 27%
HSV	153°, 27%, 32%
XYZ	5.8834, 7.2696, 7.0543
YIQ	73.2820, -9.9020, -7.7740

Conversions

Conversions Part 2

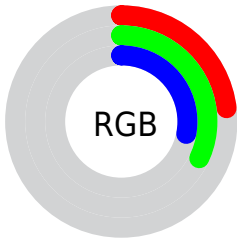
Format	Color
RYB	59, 73, 81
Decimal	3887431
CIELab	32.41, -10.89, 3.14
CIELCh	32, 11.333, 163.896
Yxy	7.2696, 0.2912, 0.3598
Android (android.graphics.Color)	4282077511 (0xFF3B5147)
YUV	73.2820, -1.1250, -12.5253
Hunter-Lab	26.9622, -8.2335, 3.3610

Details

The YUV color **73.2820, -1.1250, -12.5253** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **66.7180, 1.1250, 12.5253**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.8690, -1.4144, -13.0401**, and **29.1080, -0.5462, -11.4957** is the 20% darker color. If you saturate the color by 10%, you get **70.4340, -1.6930, -17.0436**, and if you desaturate by 10%, it is **76.1300, -0.5571, -8.0070**.

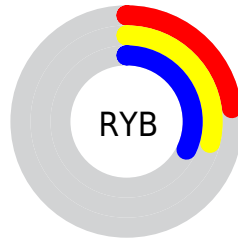
Distribution



 Red (23%)

 Green (32%)

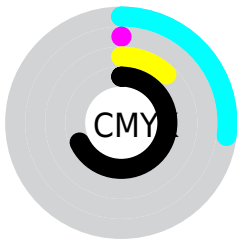
 Blue (28%)



 Red (23%)

 Yellow (29%)

 Blue (32%)

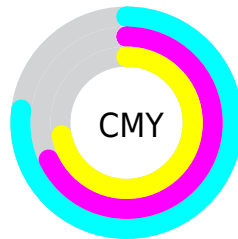


 Cyan (27%)

 Magenta (0%)

 Yellow (12%)

 Black (68%)



 Cyan (77%)

 Magenta (68%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.2820, -1.1250, -12.5253 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 73.2820, -1.1250, -12.5253 by changing the saturation by 10% instead.

■ 73.2820, -1.1250,
-12.5253

■ 73.2820, -1.1250,
-12.5253

■ 255.0000, 0.0000,
0.0000

■ 50.6950, -0.8356,
-12.0105

■ 121.8690, -1.4144,
-13.0401

■ 29.1080, -0.5462,
-11.4957

■ 147.5700, -1.2670,
-13.6549

■ 9.5060, -4.1935,
-8.3368

■ 174.1570, -1.5564,
-14.1697

■ 0.0000, 0.0000,
0.0000

■ 201.8580, -1.4090,
-14.7845

■ 229.8580, -1.4090,
-14.7845

■ 251.1130, 1.9163,

-7.9921

■ 73.2820, -1.1250,
-12.5253

■ 73.2820, -1.1250,
-12.5253

■ 70.4340, -1.6930,
-17.0436

■ 76.1300, -0.5571,
-8.0070

■ 67.7000, -1.8241,
-21.6619

■ 78.8640, -0.4260,
-3.3887

■ 64.8520, -2.3920,
-26.1802

■ 81.7120, 0.1420,
1.1296

■ 62.0040, -2.9600,
-30.6985

■ 84.5600, 0.7099,
5.6479

■ 59.2700, -3.0911,
-35.3168

■ 87.5930, 0.6937,
10.8809

■ 56.1230, -3.5116,
-40.4499

■ 90.4410, 1.2616,
15.3992

■ 53.2750, -4.0796,
-44.9682

■ 93.2890, 1.8295,
19.9175

■ 52.5630, -4.2216,
-46.0978

■ 96.0230, 1.9607,
24.5358

■ 98.8710, 2.5286,
29.0541

Harmonies

Analogous

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



74.1860, -5.5147, -4.5481



73.2820, -1.1250, -12.5253



72.5140, 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.



73.2820, -1.1250, -12.5253



76.4430, 8.1626, -4.7735



76.7800, -6.3005, 14.2249

Complementary

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



73.2820, -1.1250, -12.5253



66.7180, 1.1250, 12.5253

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.



77.7030, -2.8116, 15.1695



73.2820, -1.1250, -12.5253



77.8140, 5.5147, 4.5481

Square

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



73.2820, -1.1250, -12.5253



74.3280, 9.2053, -12.5657



77.5330, 1.7092, 11.8106



76.4760, -8.6157, 10.1065

Rectangle

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



73.2820, -1.1250, -12.5253



72.8990, 6.4588, -18.3284



77.5330, 1.7092, 11.8106



77.4210, -5.1376, 14.5398

Sweetspot

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



73.2820, -1.1250, -12.5253



101.8530, -0.4205, -5.1331



74.9040, -7.8407, -5.1778



51.8640, -0.4260, -3.3887



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.



73.2820, -1.1250, -12.5253



92.7110, -1.8295, -19.9175



73.8350, 3.5323, -13.0103



39.5760, -0.2840, -2.2592



68.1330, -5.4886, -59.7526



150.6620, -11.6654, -132.1306

Inverse Universe

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



66.7180, 1.1250, 12.5253



82.2890, 1.8295, 19.9175



66.1650, -3.5323, 13.0103



38.4240, 0.2840, 2.2592



36.8670, 5.4886, 59.7526



81.3380, 11.6654, 132.1306

Previews

White Background



This preview shows how the YUV color 73.2820, -1.1250, -12.5253 looks on a white background.

Color Contrast Check

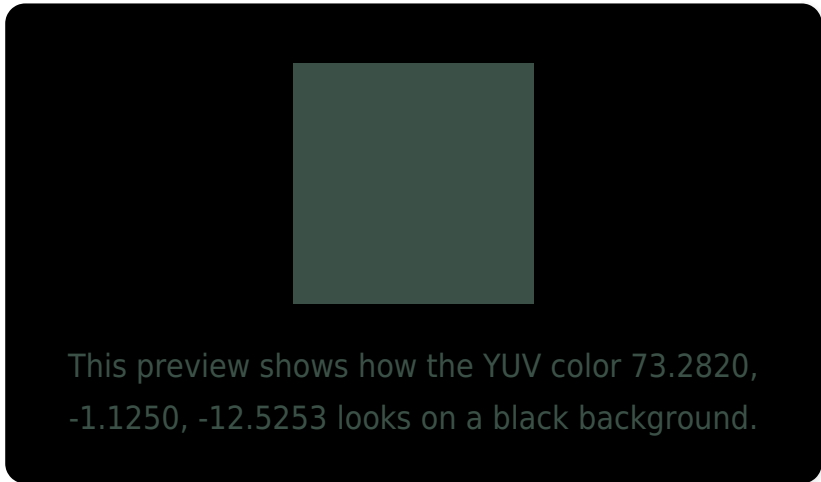
Large Text (above 18pt) WCAG AA ✓ Pass

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

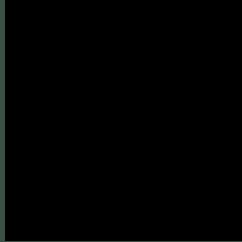
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.2820, -1.1250, -12.5253

Background



This preview shows how black text looks on a background with the YUV color 73.2820, -1.1250, -12.5253.



This preview shows how white text looks on a background with the YUV color 73.2820, -1.1250, -12.5253.

-12.5253.

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

73.2820, -1.1250, -12.5253

Protanopia

75.9850, -3.9366, 2.6442

Deuteranopia

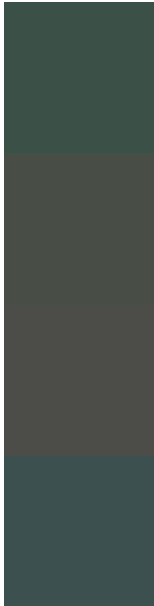
76.5880, -1.7689, 7.3773



Tritanopia

74.6010, 5.1267, -11.0511

Trichromacy



Original Color

73.2820, -1.1250, -12.5253

Protanomaly

75.1800, -3.0467, -2.7889

Deuteranomaly

75.5440, -1.7472, 0.3999

Tritanomaly

74.3190, 2.8007, -11.6808

Monochromacy



Original Color

73.2820, -1.1250, -12.5253

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.1520, -0.5679, -4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.2820, -1.1250, -12.5253 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(59, 81, 71)` looks like.

```
.text, #text, p{  
    color:rgb(59, 81, 71)  
}
```

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(59, 81, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 81, 71) }
```

Border

The CSS property to change the border of an element to YUV 73.2820, -1.1250, -12.5253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

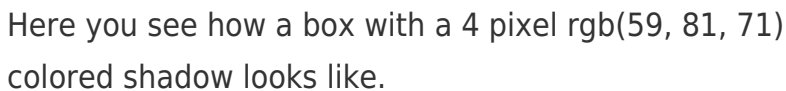
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(59, 81, 71) }
```


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

```
.border{ border-color:rgb(59, 81, 71) }
```

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



Here you see how a box with a 4 pixel `rgb(59, 81, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 81, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 81, 71);  
box-shadow:4px 4px 4px 4px rgb(59, 81, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.2820, -1.1250, -12.5253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 81, 71) }
```

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

```
.background{ background-color: rgb(59, 81,  
71) }
```

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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