

Converting Colors

YUV(72.2420, 6.2897, -10.7362)

Have a look what the booklet for
YUV(72.2420, 6.2897, -10.7362)
contains.

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Color

**YUV(72.2420, 6.2897,
-10.7362)**

Conversions

Conversions Part 1

Format	Color
Hex	3C4C55
RGB	60, 76, 85
RGB Percent	24%, 30%, 33%
CMY	0.7647, 0.7020, 0.6667
CMYK	0.29, 0.11, 0.00, 0.67
HSL	202°, 17%, 28%
HSV	202°, 29%, 33%
XYZ	6.0876, 6.7854, 9.5832
YIQ	72.2420, -12.4250, -0.5930

Conversions

Conversions Part 2

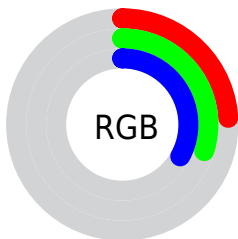
Format	Color
RYB	60, 70, 85
Decimal	3951701
CIELab	31.31, -3.89, -7.39
CIELCh	31, 8.349, 242.258
Yxy	6.7854, 0.2711, 0.3022
Android (android.graphics.Color)	4282141781 (0xFF3C4C55)
YUV	72.2420, 6.2897, -10.7362
Hunter-Lab	26.0488, -3.8700, -3.5782

Details


The YUV color **72.2420, 6.2897, -10.7362** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **72.7580, -6.2897, 10.7362**, and the grayscale version is **72.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **121.0570, 6.8739, -11.4510**, and **28.1280, 5.8529, -10.6363** is the 20% darker color. If you saturate the color by 10%, you get **67.7900, 8.4845, -14.7248**, and if you desaturate by 10%, it is **76.3950, 4.2423, -7.3624**.

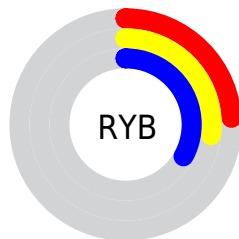
Distribution



 Red (24%)

 Green (30%)

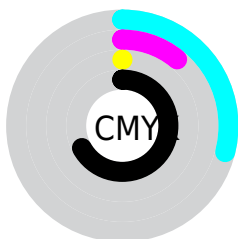
 Blue (33%)





 Red (24%)

 Yellow (27%)

 Blue (33%)

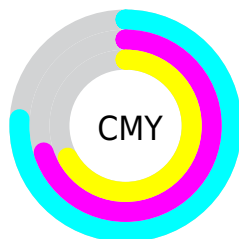


 Cyan (29%)


 Magenta (11%)

 Yellow (0%)

 Black (67%)



 Cyan (76%)

 Magenta (70%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.2420, 6.2897, -10.7362 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 72.2420, 6.2897, -10.7362 by changing the saturation by 10% instead.

■ 72.2420, 6.2897,
-10.7362

■ 72.2420, 6.2897,
-10.7362

■ 255.0000, 0.0000,
0.0000

■ 49.5410, 6.1423,
-10.1215

■ 121.0570, 6.8739,
-11.4510

■ 28.1280, 5.8529,
-10.6363

■ 146.7580, 7.0213,
-12.0658

■ 7.5630, 6.1314,
-6.6328

■ 173.1710, 7.3107,
-11.5510

■ 0.0000, 0.0000,
0.0000

■ 200.8720, 7.4581,
-12.1657

■ 228.8720, 7.4581,
-12.1657

■ 251.4120, 1.7689,

-7.3773

■ 72.2420, 6.2897,
-10.7362

■ 72.2420, 6.2897,
-10.7362

■ 67.7900, 8.4845,
-14.7248

■ 76.3950, 4.2423,
-7.3624

■ 63.6370, 10.5320,
-18.0986

■ 80.8470, 2.0474,
-3.3738

■ 59.1850, 12.7268,
-22.0872

■ 85.0000, 0.0000,
0.0000

■ 55.0320, 14.7742,
-25.4611

■ 89.4520, -2.1948,
3.9886

■ 50.8790, 16.8217,
-28.8349

■ 93.6050, -4.2423,
7.3624

■ 46.4270, 19.0165,
-32.8235

■ 98.0570, -6.4371,
11.3510

■ 42.2740, 21.0639,
-36.1973

■ 102.2100, -8.4845,
14.7248

■ 41.3880, 21.5007,
-36.2973

■ 106.6620,
-10.6794, 18.7134

■ 111.4020,
-13.0162, 21.5724

Harmonies

Analogous

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



71.3620, 4.2585, -12.5955



72.2420, 6.2897, -10.7362



73.3890, 6.7102, -5.6032

Triad

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



72.2420, 6.2897, -10.7362



74.8380, -0.9061, 10.6661



72.4360, -4.6519, -1.2594

Complementary

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



72.2420, 6.2897, -10.7362



72.7580, -6.2897, 10.7362

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.



73.1270, -5.9786, 4.2736



72.2420, 6.2897, -10.7362



74.7410, -3.8163, 10.7511

Square

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



72.2420, 6.2897, -10.7362



75.0270, 2.4517, 6.9923



73.8610, -5.8475, 8.8919



71.9730, -2.4517, -6.9923

Rectangle

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



72.2420, 6.2897, -10.7362



74.4820, 5.6784, -1.2997



73.8610, -5.8475, 8.8919



73.2190, -5.5310, 0.6849

Sweetspot

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



72.2420, 6.2897, -10.7362



104.6620, 2.6316, -4.0886



75.7010, -3.3036, -13.7698



53.0320, 1.4632, -2.6591



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



72.2420, 6.2897, -10.7362



90.1210, 9.8003, -16.7691



65.1980, 9.7624, -4.5586



41.2170, 0.8790, -1.9443



52.7010, 26.7694, -46.2188



114.8400, 59.2389, -100.7147

Inverse Universe

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



69.2990, 3.3036, 13.7698



85.5110, 5.1711, 21.4769



79.8020, -9.7624, 4.5586



40.5380, 0.7208, 2.1592



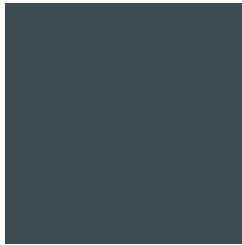
39.8590, 14.3665, 58.8827



87.3650, 30.8791, 129.4759

Previews

White Background



This preview shows how the YUV color 72.2420, 6.2897, -10.7362 looks on a white background.

Color Contrast Check

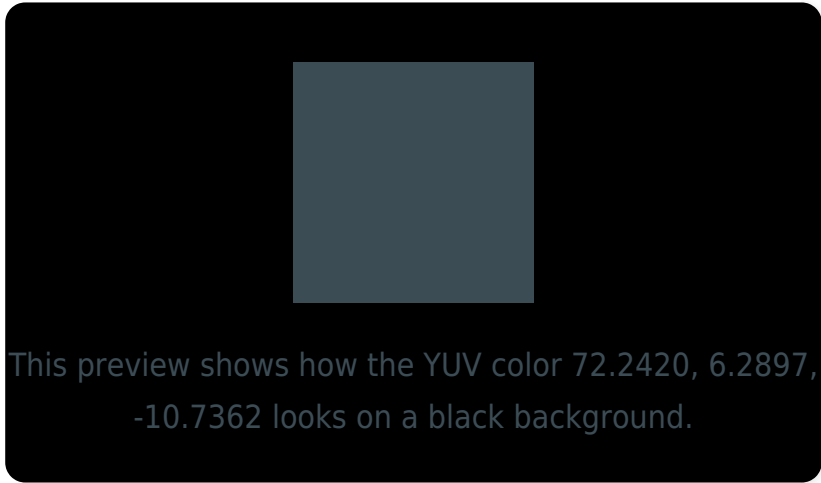
Large Text (above 18pt) WCAG AA ✓ Pass

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

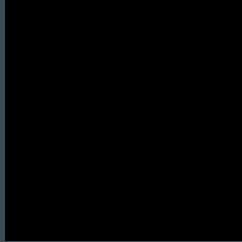
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.2420, 6.2897, -10.7362

Background



This preview shows how black text looks on a background with the YUV color 72.2420, 6.2897, -10.7362.



This preview shows how white text looks on a background with the YUV color 72.2420, 6.2897, -10.7362.

-10.7362.

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

72.2420, 6.2897, -10.7362

Protanopia

73.8410, 4.5154, -1.6146

Deuteranopia

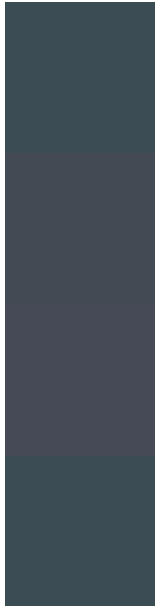
74.4930, 5.6730, 0.4446



Tritanopia

71.7150, 5.5635, -11.1511

Trichromacy



Original Color

72.2420, 6.2897, -10.7362

Protanomaly

73.3460, 5.2524, -4.6884

Deuteranomaly

73.5850, 6.1206, -3.1440

Tritanomaly

71.8290, 6.0003, -11.2510

Monochromacy



Original Color

72.2420, 6.2897, -10.7362

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9610, 2.4842, -3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2420, 6.2897, -10.7362 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(60, 76, 85)` looks like.

```
.text, #text, p{  
    color:rgb(60, 76, 85)  
}
```

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(60, 76, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 76, 85) }
```

Border

The CSS property to change the border of an element to YUV 72.2420, 6.2897, -10.7362 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(60, 76, 85) }
```


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

```
.border{ border-color:rgb(60, 76, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 76, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 76, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 76, 85);  
box-shadow:4px 4px 4px 4px rgb(60, 76, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.2420, 6.2897, -10.7362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 76, 85) }
```

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

```
.background{ background-color: rgb(60, 76,  
85) }
```

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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