

Converting Colors

YUV(73.2280, 17.6356, -9.8470)

Have a look what the booklet for
YUV(73.2280, 17.6356, -9.8470)
contains.

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Color

**YUV(73.2280, 17.6356,
-9.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	3E486D
RGB	62, 72, 109
RGB Percent	24%, 28%, 43%
CMY	0.7569, 0.7176, 0.5725
CMYK	0.43, 0.34, 0.00, 0.57
HSL	227°, 27%, 34%
HSV	227°, 43%, 43%
XYZ	7.0643, 6.7630, 15.4011
YIQ	73.2280, -17.8370, 9.3870

Conversions

Conversions Part 2

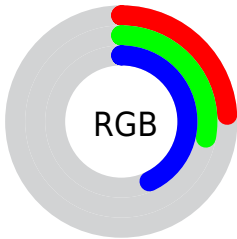
Format	Color
R_{YB}	62, 70, 109
Decimal	4081773
CIE _{Lab}	31.26, 6.51, -22.72
CIE _{LCh}	31, 23.636, 285.990
Yxy	6.7630, 0.2417, 0.2314
Android (android.graphics.Color)	4282271853 (0xFF3E486D)
YUV	73.2280, 17.6356, -9.8470
Hunter-Lab	26.0057, 2.9783, -16.9085

Details

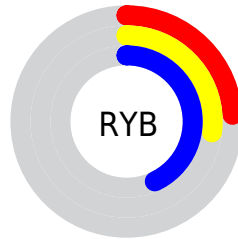
The YUV color **73.2280, 17.6356, -9.8470** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **97.7720, -17.6356, 9.8470**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2820, 19.0880, -9.0173**, and **27.8640, 16.3360, -13.0357** is the 20% darker color. If you saturate the color by 10%, you get **64.6560, 21.8616, -11.9763**, and if you desaturate by 10%, it is **81.8000, 13.4096, -7.7176**.

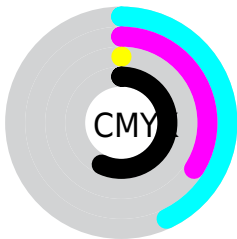
Distribution



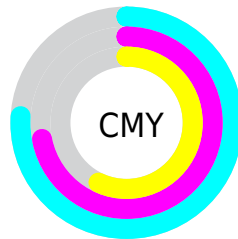
- Red (24%)
- Green (28%)
- Blue (43%)



- Red (24%)
- Yellow (27%)
- Blue (43%)



- Cyan (43%)
- Magenta (34%)
- Yellow (0%)
- Black (57%)



- Cyan (76%)
- Magenta (72%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.2280, 17.6356, -9.8470 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 73.2280, 17.6356, -9.8470 by changing the saturation by 10% instead.

■ 73.2280, 17.6356,
-9.8470

■ 73.2280, 17.6356,
-9.8470

■ 255.0000, 0.0000,
0.0000

■ 50.4020, 17.0568,
-10.8766

■ 122.2820, 19.0880,
-9.0173

■ 27.8640, 16.3360,
-13.0357

■ 148.3960, 19.5248,
-9.1173

■ 5.6200, 16.4563,
-4.9287

■ 174.6240, 20.3984,
-9.3172

■ 2.5250, 7.1362,
-2.2144

■ 202.6240, 20.3984,
-9.3172

■ 0.0000, 0.0000,
0.0000

■ 228.6860, 12.9728,
-7.6176

■ 253.2060, 0.8844,

-3.6887

■ 73.2280, 17.6356,
-9.8470

■ 73.2280, 17.6356,
-9.8470

■ 64.6560, 21.8616,
-11.9763

■ 81.8000, 13.4096,
-7.7176

■ 56.6710, 25.7982,
-14.6205

■ 89.7850, 9.4730,
-5.0734

■ 48.0990, 30.0242,
-16.7498

■ 98.3570, 5.2470,
-2.9441

■ 40.1140, 33.9608,
-19.3940

■ 106.3420, 1.3104,
-0.2999

■ 31.8410, 38.0394,
-20.9086

■ 114.6150, -2.7682,
1.2146

■ 25.9270, 40.9550,
-22.7380

■ 122.6000, -6.7048,
3.8588

■ 131.1720,
-10.9308, 5.9882

■ 139.7440,
-15.1568, 8.1175

■ 147.7290,
-19.0934, 10.7617

Harmonies

Analogous

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



65.9860, 21.2059, -35.0677



73.2280, 17.6356, -9.8470



75.7530, 11.4608, 10.7406

Triad

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



73.2280, 17.6356, -9.8470



73.8480, -12.7431, 27.3203



64.6880, -0.3392, -31.2984

Complementary

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



73.2280, 17.6356, -9.8470



97.7720, -17.6356, 9.8470

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.



68.7630, -10.7292, -12.0702



73.2280, 17.6356, -9.8470



72.6420, -17.0785, 17.8540

Square

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



73.2280, 17.6356, -9.8470



74.5200, -5.1864, 30.2390



71.2550, -16.8877, 3.2844



58.1830, 12.2348, -51.0265

Rectangle

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



73.2280, 17.6356, -9.8470



75.8530, 6.4815, 21.1769



71.2550, -16.8877, 3.2844



66.1080, -3.9972, -24.6507

Sweetspot

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



73.2280, 17.6356, -9.8470



128.5140, 7.1416, -3.9588



93.8070, 2.5601, -27.8947



62.4280, 4.2260, -2.1294



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



73.2280, 17.6356, -9.8470



86.2410, 27.9822, -15.1204



71.2450, 18.6132, 3.2931



49.2710, 2.3314, -1.1147



28.0130, 43.8706, -24.5674



58.4540, 91.9672, -51.2642

Inverse Universe

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



77.1930, -2.5601, 27.8947



92.8360, -4.3561, 43.9938



99.7550, -18.6132, -3.2931



49.9080, -0.4476, 3.5887



37.8330, -6.3267, 69.4295



79.1830, -13.4012, 145.4215

Previews

White Background



This preview shows how the YUV color 73.2280, 17.6356, -9.8470 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 73.2280, 17.6356, -9.8470 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 73.2280, 17.6356, -9.8470

Background



This preview shows how black text looks on a background with the YUV color 73.2280, 17.6356, -9.8470.



This preview shows how white text looks on a background with the YUV color 73.2280, 17.6356,

-9.8470.

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

73.2280, 17.6356, -9.8470

Protanopia

72.9290, 17.7830, -10.4617

Deuteranopia

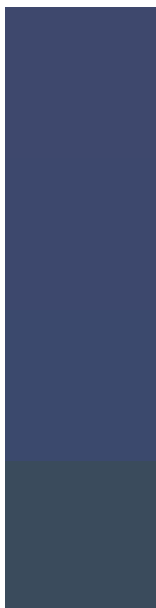
72.6190, 17.9358, -12.8209



Tritanopia

71.1060, 5.8637, -14.1250

Trichromacy



Original Color

73.2280, 17.6356, -9.8470

Protanomaly

72.9290, 17.7830, -10.4617

Deuteranomaly

72.9180, 17.7884, -12.2061

Tritanomaly

71.8550, 9.9315, -12.1508

Monochromacy



Original Color

73.2280, 17.6356, -9.8470

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.2860, 6.2680, -3.7588

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.2280, 17.6356, -9.8470 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(62, 72, 109)` looks like.

```
.text, #text, p{  
    color:rgb(62, 72, 109)  
}
```

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(62, 72, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 72, 109) }
```

Border

The CSS property to change the border of an element to YUV 73.2280, 17.6356, -9.8470 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(62, 72, 109) }
```


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

```
.border{ border-color:rgb(62, 72, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 72, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 72, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 72, 109);  
box-shadow:4px 4px 4px 4px rgb(62, 72,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 73.2280, 17.6356, -9.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 72, 109) }
```

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

```
.background{ background-color: rgb(62, 72,  
109) }
```

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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