

Converting Colors

YUV(73.0560, 28.5664,
-15.8351)

Have a look what the booklet for
YUV(73.0560, 28.5664, -15.8351)
contains.

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Color

**YUV(73.0560, 28.5664,
-15.8351)**

Conversions

Conversions Part 1

Format	Color
Hex	374783
RGB	55, 71, 131
RGB Percent	22%, 28%, 51%
CMY	0.7843, 0.7216, 0.4863
CMYK	0.58, 0.46, 0.00, 0.49
HSL	227°, 41%, 36%
HSV	227°, 58%, 51%
XYZ	7.9255, 6.9574, 22.3979
YIQ	73.0560, -28.7960, 15.2680

Conversions

Conversions Part 2

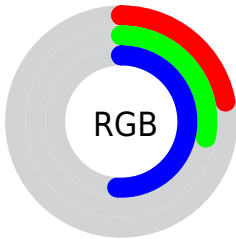
Format	Color
R_{YB}	55, 68, 131
Decimal	3622787
CIE Lab	31.71, 12.80, -35.80
CIE LCh	32, 38.022, 289.665
Yxy	6.9574, 0.2126, 0.1866
Android (android.graphics.Color)	4281812867 (0xFF374783)
YUV	73.0560, 28.5664, -15.8351
Hunter-Lab	26.3769, 7.4748, -31.8823

Details

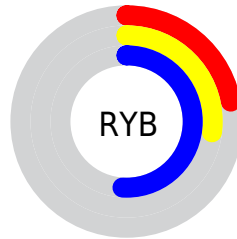
The YUV color **73.0560, 28.5664, -15.8351** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **112.9440, -28.5664, 15.8351**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.1210, 30.0133, -13.2611**, and **25.6700, 27.2777, -22.5126** is the 20% darker color. If you saturate the color by 10%, you get **63.2990, 33.3766, -18.6792**, and if you desaturate by 10%, it is **82.8130, 23.7562, -12.9910**.

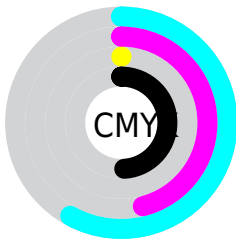
Distribution



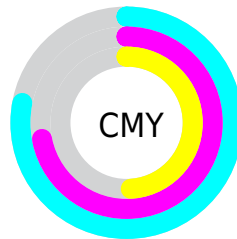
- Red (22%)
- Green (28%)
- Blue (51%)



- Red (22%)
- Yellow (27%)
- Blue (51%)



- Cyan (58%)
- Magenta (46%)
- Yellow (0%)
- Black (49%)



- Cyan (78%)
- Magenta (72%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.0560, 28.5664, -15.8351 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 73.0560, 28.5664, -15.8351 by changing the saturation by 10% instead.

■ 73.0560, 28.5664,
-15.8351

■ 73.0560, 28.5664,
-15.8351

■ 255.0000, 0.0000,
0.0000

■ 48.6210, 28.2878,
-19.8386

■ 123.1210, 30.0133,
-13.2611

■ 25.6700, 27.2777,
-22.5126

■ 149.6480, 30.7395,
-12.8463

■ 7.1990, 25.0449,
-6.3135

■ 176.2890, 31.9025,
-12.5315

■ 5.1640, 14.7091,
-4.5288

■ 202.1060, 26.0767,
-10.6170

■ 1.1400, 4.3680,
-0.9998

■ 227.2130, 13.6990,
-7.2028

■ 0.0000, 0.0000,
0.0000

■ 252.9070, 1.0318,

-4.3034

■ 73.0560, 28.5664,
-15.8351

■ 73.0560, 28.5664,
-15.8351

■ 63.2990, 33.3766,
-18.6792

■ 82.8130, 23.7562,
-12.9910

■ 52.9550, 38.4762,
-21.0085

■ 93.1570, 18.6566,
-10.6617

■ 43.1980, 43.2864,
-23.8526

■ 102.9140, 13.8464,
-7.8176

■ 33.4410, 48.0966,
-26.6968

■ 112.6710, 9.0362,
-4.9735

■ 31.3700, 49.1176,
-27.5115

■ 123.3140, 3.7892,
-2.0294

■ 133.0710, -1.0210,
0.8147

■ 142.8280, -5.8312,
3.6588

■ 153.1720,
-10.9308, 5.9882

■ 162.9290,
-15.7410, 8.8323

Harmonies

Analogous

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



62.7090, 34.6535, -54.9958



73.0560, 28.5664, -15.8351



76.9420, 18.2696, 20.2219

Triad

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



73.0560, 28.5664, -15.8351



72.4600, -20.9328, 40.8156



58.8380, 2.0519, -51.6009

Complementary

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



73.0560, 28.5664, -15.8351



112.9440, -28.5664, 15.8351

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.



63.9370, -14.7589, -26.2547



73.0560, 28.5664, -15.8351



70.8310, -30.4827, 23.8272

Square

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



73.0560, 28.5664, -15.8351



72.2450, -8.0088, 48.8971



68.8560, -28.5230, 1.8803



62.9590, 15.3032, -55.2150

Rectangle

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



73.0560, 28.5664, -15.8351



75.5760, 10.0690, 37.2058



68.8560, -28.5230, 1.8803



57.1110, -2.0267, -50.0863

Sweetspot

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



73.0560, 28.5664, -15.8351



148.8280, 10.9308, -5.9882



106.4520, 4.2142, -45.1234



73.4000, 6.7048, -3.8588



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



73.0560, 28.5664, -15.8351



79.3550, 45.1810, -24.8673



70.2420, 29.9537, 5.9268



61.2710, 2.3314, -1.1147



30.6690, 48.9702, -26.8967



0.9290, 1.0210, -0.8147

Inverse Universe

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



79.5480, -4.2142, 45.1234



89.7300, -6.7689, 71.2738



115.7580, -29.9537, -5.9268



61.9080, -0.4476, 3.5887



41.9480, -7.3694, 77.2216



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 73.0560, 28.5664, -15.8351 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 73.0560, 28.5664, -15.8351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

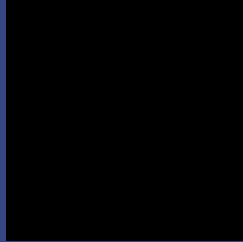
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.0560, 28.5664, -15.8351

Background



This preview shows how black text looks on a background with the YUV color 73.0560, 28.5664, -15.8351.



This preview shows how white text looks on a background with the YUV color 73.0560, 28.5664,

-15.8351.

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

73.0560, 28.5664, -15.8351

Protanopia

71.0660, 30.0405, -21.9829

Deuteranopia

67.5160, 30.8046, -33.7785



Tritanopia

68.5280, 9.1067, -27.6501

Trichromacy



Original Color

73.0560, 28.5664, -15.8351

Protanomaly

71.9630, 29.5982, -20.1386

Deuteranomaly

69.6200, 29.7673, -27.7307

Tritanomaly

70.0970, 16.2212, -22.8871

Monochromacy



Original Color

73.0560, 28.5664, -15.8351

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.7140, 10.4940, -5.8882

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.0560, 28.5664, -15.8351 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(55, 71, 131)` looks like.

```
.text, #text, p{  
    color:rgb(55, 71, 131)  
}
```

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(55, 71, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 71, 131) }
```

Border

The CSS property to change the border of an element to YUV 73.0560, 28.5664, -15.8351 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(55, 71, 131) }
```


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

```
.border{ border-color:rgb(55, 71, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 71, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 71, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 71, 131);  
box-shadow:4px 4px 4px 4px rgb(55, 71,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 73.0560, 28.5664, -15.8351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 71, 131) }
```

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

```
.background{ background-color: rgb(55, 71,  
131) }
```

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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