

Converting Colors

YUV(73.3360, 17.0894,
-21.3427)

Have a look what the booklet for
YUV(73.3360, 17.0894, -21.3427)
contains.

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Color

**YUV(73.3360, 17.0894,
-21.3427)**

Conversions

Conversions Part 1

Format	Color
Hex	314F6C
RGB	49, 79, 108
RGB Percent	19%, 31%, 42%
CMY	0.8078, 0.6902, 0.5765
CMYK	0.55, 0.27, 0.00, 0.58
HSL	209°, 38%, 31%
HSV	209°, 55%, 42%
XYZ	6.7694, 7.3276, 15.2449
YIQ	73.3360, -27.1890, 2.6590

Conversions

Conversions Part 2

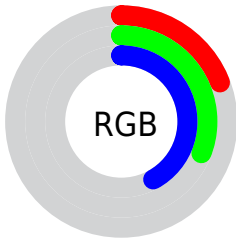
Format	Color
R_{YB}	49, 69, 108
Decimal	3231596
CIE _{Lab}	32.54, -1.97, -20.16
CIE _{LCh}	33, 20.257, 264.406
Yxy	7.3276, 0.2307, 0.2497
Android (android.graphics.Color)	4281421676 (0xFF314F6C)
YUV	73.3360, 17.0894, -21.3427
Hunter-Lab	27.0696, -2.7338, -14.4420

Details

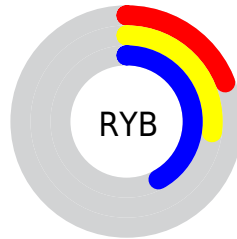
The YUV color **73.3360, 17.0894, -21.3427** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **83.6640, -17.0894, 21.3427**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.9770, 18.2523, -21.0278**, and **27.3850, 16.0792, -24.0166** is the 20% darker color. If you saturate the color by 10%, you get **67.1120, 20.1578, -25.5312**, and if you desaturate by 10%, it is **79.5600, 14.0209, -17.1541**.

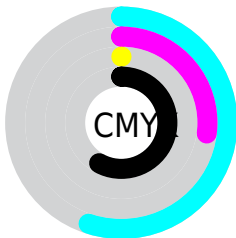
Distribution



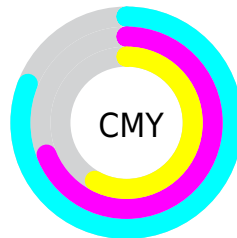
- Red (19%)
- Green (31%)
- Blue (42%)



- Red (19%)
- Yellow (27%)
- Blue (42%)



- Cyan (55%)
- Magenta (27%)
- Yellow (0%)
- Black (58%)



- Cyan (81%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.3360, 17.0894, -21.3427 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 73.3360, 17.0894, -21.3427 by changing the saturation by 10% instead.

■ 73.3360, 17.0894,
-21.3427

■ 73.3360, 17.0894,
-21.3427

■ 255.0000, 0.0000,
0.0000

■ 49.3250, 17.0948,
-23.0870

■ 122.9770, 18.2523,
-21.0278

■ 27.3850, 16.0792,
-24.0166

■ 149.0910, 18.6891,
-21.1278

■ 12.0770, 13.2730,
-10.5915

■ 176.0910, 18.6891,
-21.1278

■ 2.5250, 7.1362,
-2.2144

■ 203.6180, 19.4153,
-20.7130

■ 0.0000, 0.0000,
0.0000

■ 229.7940, 12.4266,
-19.1133

■ 249.3190, 2.8007,

-11.6808

■ 73.3360, 17.0894,
-21.3427

■ 73.3360, 17.0894,
-21.3427

■ 67.1120, 20.1578,
-25.5312

■ 79.5600, 14.0209,
-17.1541

■ 60.3010, 23.5156,
-29.2050

■ 86.3710, 10.6631,
-13.4804

■ 54.3760, 26.4366,
-32.7788

■ 92.2960, 7.7421,
-9.9066

■ 48.1520, 29.5051,
-36.9673

■ 98.5200, 4.6736,
-5.7180

■ 44.5970, 31.2577,
-39.1116

■ 105.3310, 1.3158,
-2.0443

■ 111.5550, -1.7526,
2.1443

■ 117.7790, -4.8210,
6.3328

■ 123.7040, -7.7421,
9.9066

■ 130.5150,
-11.0999, 13.5803

Harmonies

Analogous

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



67.2260, 17.1436, -38.7862



73.3360, 17.0894, -21.3427



77.6480, 13.9775, -3.1993

Triad

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



73.3360, 17.0894, -21.3427



77.7430, -6.7753, 26.5354



71.6640, -7.2294, -14.6143

Complementary

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



73.3360, 17.0894, -21.3427



83.6640, -17.0894, 21.3427

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.



74.4440, -13.5299, -0.3894



73.3360, 17.0894, -21.3427



76.8150, -12.7268, 22.0872

Square

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



73.3360, 17.0894, -21.3427



78.6700, 0.6557, 23.0914



76.0650, -15.3150, 12.2210



68.6820, 2.1288, -29.5391

Rectangle

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



73.3360, 17.0894, -21.3427



78.6880, 10.0138, 8.1666



76.0650, -15.3150, 12.2210



72.7140, -9.7190, -9.3962

Sweetspot

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



73.3360, 17.0894, -21.3427



126.9650, 6.4263, -7.8623



86.9390, -4.4069, -33.2725



63.5910, 3.6526, -4.9033



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.



73.3360, 17.0894, -21.3427



86.0770, 26.5840, -33.3935



56.3130, 25.4817, -6.4135



50.4450, 1.7526, -2.1443



48.5580, 33.7419, -42.5854



100.7180, 71.1310, -88.3297

Inverse Universe

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



70.0610, 4.4069, 33.2725



80.8660, 6.9681, 51.8605



100.6870, -25.4817, 6.4135



50.1360, 0.4260, 3.3887



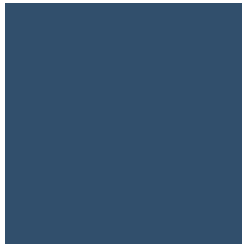
41.8230, 8.9613, 65.9302



87.3910, 18.0482, 138.2231

Previews

White Background



This preview shows how the YUV color 73.3360, 17.0894, -21.3427 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 73.3360, 17.0894, -21.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

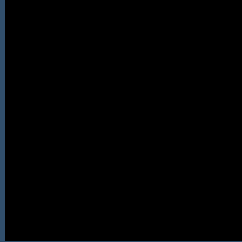
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

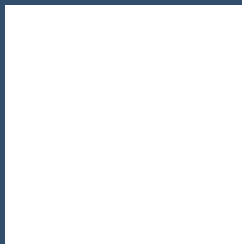
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 73.3360, 17.0894, -21.3427

Background



This preview shows how black text looks on a background with the YUV color 73.3360, 17.0894, -21.3427.

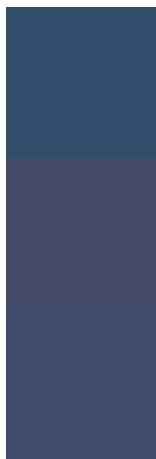


This preview shows how white text looks on a background with the YUV color 73.3360, 17.0894,

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

73.3360, 17.0894, -21.3427

Protanopia

76.0280, 14.2832, -7.9176

Deuteranopia

76.1740, 16.1832, -10.6766



Tritanopia

71.4250, 8.6645, -25.8057

Trichromacy



Original Color

73.3360, 17.0894, -21.3427

Protanomaly

74.6360, 15.4625, -12.8358

Deuteranomaly

75.2660, 16.6309, -14.2653

Tritanomaly

72.5330, 11.5692, -24.1464

Monochromacy



Original Color

73.3360, 17.0894, -21.3427

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9650, 6.4263, -7.8623

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.3360, 17.0894, -21.3427 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(49, 79, 108)` looks like.

```
.text, #text, p{  
    color:rgb(49, 79, 108)  
}
```

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(49, 79, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 79, 108) }
```

Border

The CSS property to change the border of an element to YUV 73.3360, 17.0894, -21.3427 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(49, 79, 108) }
```


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

```
.border{ border-color:rgb(49, 79, 108) }
```

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

Here you see how a box with a 4 pixel rgb(49, 79, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 79, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 79, 108);  
box-shadow:4px 4px 4px 4px rgb(49, 79,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 73.3360, 17.0894, -21.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 79, 108) }
```

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

```
.background{ background-color: rgb(49, 79,  
108) }
```

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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