

Converting Colors

YUV(76.0660, 13.2785,
-12.3359)

Have a look what the booklet for
YUV(76.0660, 13.2785, -12.3359)
contains.

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Color

**YUV(76.0660, 13.2785,
-12.3359)**

Conversions

Conversions Part 1

Format	Color
Hex	3E4E67
RGB	62, 78, 103
RGB Percent	24%, 31%, 40%
CMY	0.7569, 0.6941, 0.5961
CMYK	0.40, 0.24, 0.00, 0.60
HSL	217°, 25%, 32%
HSV	217°, 40%, 40%
XYZ	7.1592, 7.4522, 13.8930
YIQ	76.0660, -17.5610, 4.3830

Conversions

Conversions Part 2

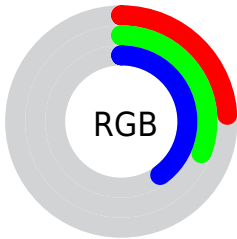
Format	Color
RYB	62, 74, 103
Decimal	4083303
CIELab	32.81, 0.75, -16.52
CIElCh	33, 16.541, 272.602
Yxy	7.4522, 0.2512, 0.2614
Android (android.graphics.Color)	4282273383 (0xFF3E4E67)
YUV	76.0660, 13.2785, -12.3359
Hunter-Lab	27.2987, -0.9605, -11.0652

Details

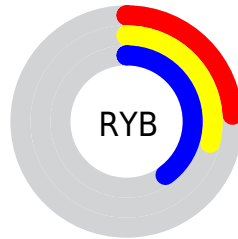
The YUV color **76.0660, 13.2785, -12.3359** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **88.9340, -13.2785, 12.3359**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.2940, 14.1521, -12.5358**, and **30.8270, 12.4103, -13.8803** is the 20% darker color. If you saturate the color by 10%, you get **69.5540, 16.4889, -15.3949**, and if you desaturate by 10%, it is **82.5780, 10.0680, -9.2769**.

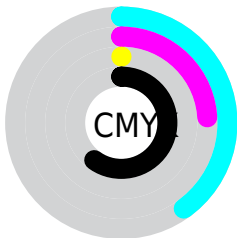
Distribution



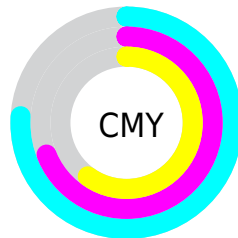
- Red (24%)
- Green (31%)
- Blue (40%)



- Red (24%)
- Yellow (29%)
- Blue (40%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)
- Black (60%)



- Cyan (76%)
- Magenta (69%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.0660, 13.2785, -12.3359 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 76.0660, 13.2785, -12.3359 by changing the saturation by 10% instead.

■ 76.0660, 13.2785,
-12.3359

■ 76.0660, 13.2785,
-12.3359

■ 255.0000, 0.0000,
0.0000

■ 52.9520, 12.8417,
-12.2359

■ 125.2940, 14.1521,
-12.5358

■ 30.8270, 12.4103,
-13.8803

■ 151.4080, 14.5889,
-12.6358

■ 10.4470, 12.1046,
-9.1620

■ 178.5220, 15.0257,
-12.7358

■ 1.1400, 4.3680,
-0.9998

■ 205.6360, 15.4625,
-12.8358

■ 0.0000, 0.0000,
0.0000

■ 232.4960, 11.0945,
-11.8360

■ 252.9070, 1.0318,

-4.3034

■ 76.0660, 13.2785,
-12.3359

■ 76.0660, 13.2785,
-12.3359

■ 69.5540, 16.4889,
-15.3949

■ 82.5780, 10.0680,
-9.2769

■ 62.1560, 20.1361,
-18.5538

■ 89.9760, 6.4208,
-6.1180

■ 55.6440, 23.3465,
-21.6128

■ 96.4880, 3.2104,
-3.0590

■ 49.1320, 26.5569,
-24.6718

■ 103.0000, 0.0000,
0.0000

■ 42.6200, 29.7673,
-27.7307

■ 109.8110, -3.3578,
3.6738

■ 35.2220, 33.4146,
-30.8897

■ 116.9100, -6.8576,
6.2179

■ 123.4220,
-10.0680, 9.2769

■ 129.9340,
-13.2785, 12.3359

■ 137.3320,
-16.9257, 15.4948

Harmonies

Analogous

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



72.6900, 13.4638, -25.1611



76.0660, 13.2785, -12.3359



78.3560, 10.1775, 2.3188

Triad

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



76.0660, 13.2785, -12.3359



78.5960, -7.1958, 21.4023



72.8750, -3.8824, -14.7994

Complementary

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



76.0660, 13.2785, -12.3359



88.9340, -13.2785, 12.3359

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.



75.0460, -9.8827, -3.5483



76.0660, 13.2785, -12.3359



77.1240, -11.4001, 16.5543

Square

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



76.0660, 13.2785, -12.3359



79.0780, -1.5175, 20.1026



76.4280, -12.5360, 7.5176



70.7580, 3.5703, -25.2208

Rectangle

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



76.0660, 13.2785, -12.3359



79.4880, 6.6614, 10.0960



76.4280, -12.5360, 7.5176



73.9140, -6.3666, -11.3256

Sweetspot

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



76.0660, 13.2785, -12.3359



124.3460, 5.2524, -4.6884



88.9170, -0.9451, -23.6062



62.4880, 3.2104, -3.0590



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



76.0660, 13.2785, -12.3359



92.6720, 20.8677, -19.8833



67.8700, 17.3191, -1.6400



47.7440, 1.6052, -1.5295



39.5250, 37.2092, -34.6634



83.3530, 78.2130, -73.1006

Inverse Universe

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



76.0830, 0.9451, 23.6062



92.3990, 1.7753, 37.3611



97.1300, -17.3191, 1.6400



47.7230, 0.1366, 2.8739



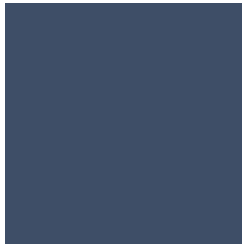
39.5150, 2.7041, 66.2003



83.1880, 5.8233, 139.2781

Previews

White Background



This preview shows how the YUV color 76.0660, 13.2785, -12.3359 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 76.0660, 13.2785, -12.3359 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

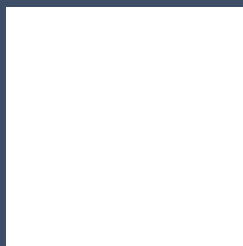
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 76.0660, 13.2785, -12.3359

Background



This preview shows how black text looks on a background with the YUV color 76.0660, 13.2785, -12.3359.

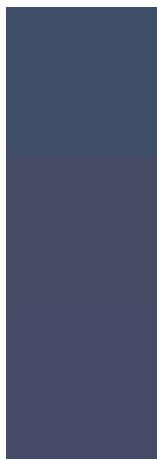


This preview shows how white text looks on a background with the YUV color 76.0660, 13.2785, -12.3359.

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

76.0660, 13.2785, -12.3359

Protanopia

77.1700, 12.2412, -6.2881

Deuteranopia

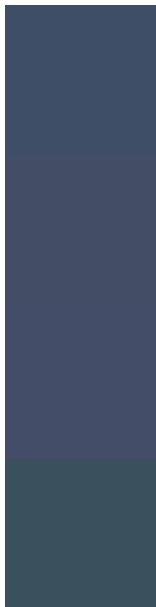
77.2840, 12.6780, -6.3881



Tritanopia

74.8070, 6.0111, -14.7397

Trichromacy



Original Color

76.0660, 13.2785, -12.3359

Protanomaly

76.8600, 12.3940, -8.6472

Deuteranomaly

76.9740, 12.8308, -8.7472

Tritanomaly

75.2030, 8.7739, -14.2100

Monochromacy



Original Color

76.0660, 13.2785, -12.3359

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2320, 4.8156, -4.5885

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.0660, 13.2785, -12.3359 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, 78, 103)` looks like.

```
.text, #text, p{  
    color:rgb(62, 78, 103)  
}
```

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, 78, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 78, 103) }
```

Border

The CSS property to change the border of an element to YUV 76.0660, 13.2785, -12.3359 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, 78, 103) }
```


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

```
.border{ border-color:rgb(62, 78, 103) }
```

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

Here you see how a box with a 4 pixel rgb(62, 78, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 78, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 78, 103);  
box-shadow:4px 4px 4px 4px rgb(62, 78,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 76.0660, 13.2785, -12.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 78, 103) }
```

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

```
.background{ background-color: rgb(62, 78,  
103) }
```

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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