

Converting Colors

YUV(76.6940, 20.8569,
-16.3946)

Have a look what the booklet for
YUV(76.6940, 20.8569, -16.3946)
contains.

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Color

**YUV(76.6940, 20.8569,
-16.3946)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3A4E77 |
| RGB | 58, 78, 119 |
| RGB Percent | 23%, 31%, 47% |
| CMY | 0.7725, 0.6941, 0.5333 |
| CMYK | 0.51, 0.34, 0.00, 0.53 |
| HSL | 220°, 34%, 35% |
| HSV | 220°, 51%, 47% |
| XYZ | 7.7991, 7.6802, 18.5241 |
| YIQ | 76.6940, -25.0810, 8.5110 |

Conversions

Conversions Part 2

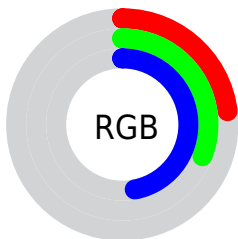
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 58, 73, 119 |
| Decimal | 3821175 |
| CIELab | 33.31, 4.74, -25.81 |
| CIELCh | 33, 26.239, 280.405 |
| Yxy | 7.6802, 0.2294, 0.2259 |
| Android (android.graphics.Color) | 4282011255 (0xFF3A4E77) |
| YUV | 76.6940, 20.8569, -16.3946 |
| Hunter-Lab | 27.7132, 1.7355, -20.2315 |

Details

The YUV color **76.6940, 20.8569, -16.3946** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **100.3060, -20.8569, 16.3946**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.6340, 21.8724, -15.4650**, and **28.5360, 20.4418, -23.2721** is the 20% darker color. If you saturate the color by 10%, you get **68.4100, 24.9409, -19.6536**, and if you desaturate by 10%, it is **84.9780, 16.7728, -13.1357**.

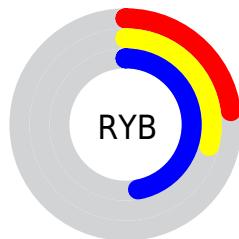
Distribution



Red (23%)

Green (31%)

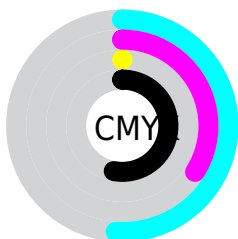
Blue (47%)



Red (23%)

Yellow (29%)

Blue (47%)

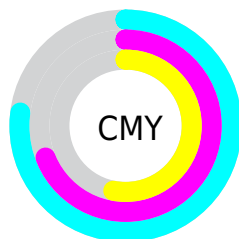


Cyan (51%)

Magenta (34%)

Yellow (0%)

Black (53%)



Cyan (77%)

Magenta (69%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6940, 20.8569, -16.3946 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 76.6940, 20.8569, -16.3946 by changing the saturation by 10% instead.

■ 76.6940, 20.8569,
-16.3946

■ 76.6940, 20.8569,
-16.3946

■ 255.0000, 0.0000,
0.0000

■ 52.5690, 20.4255,
-18.0390

■ 126.6340, 21.8724,
-15.4650

■ 28.5360, 20.4418,
-23.2721

■ 152.8620, 22.7460,
-15.6650

■ 12.5160, 17.4936,
-10.9765

■ 179.3890, 23.4722,
-15.2502

■ 3.5510, 11.0674,
-3.1142

■ 207.3890, 23.4722,
-15.2502

■ 0.0000, 0.0000,
0.0000

■ 232.1970, 11.2419,
-12.4508

■ 252.6080, 1.1793,

-4.9182

■ 76.6940, 20.8569,
-16.3946

■ 76.6940, 20.8569,
-16.3946

■ 68.4100, 24.9409,
-19.6536

■ 84.9780, 16.7728,
-13.1357

■ 60.1260, 29.0249,
-22.9125

■ 93.2620, 12.6888,
-9.8768

■ 51.8420, 33.1089,
-26.1714

■ 101.5460, 8.6048,
-6.6178

■ 43.5580, 37.1929,
-29.4304

■ 109.8300, 4.5208,
-3.3589

■ 36.4590, 40.6927,
-31.9745

■ 117.8150, 0.5842,
-0.7148

■ 126.0990, -3.4998,
2.5442

■ 134.3830, -7.5838,
5.8031

■ 142.6670,
-11.6678, 9.0620

■ 150.9510,
-15.7518, 12.3210

Harmonies

Analogous

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



63.2440, 26.5017, -53.7110



76.6940, 20.8569, -16.3946



80.5400, 14.5238, 8.2964

Triad

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



76.6940, 20.8569, -16.3946



78.4680, -13.0487, 32.0386



68.8190, -2.3758, -31.4133

Complementary

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



76.6940, 20.8569, -16.3946



100.3060, -20.8569, 16.3946

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.



73.6770, -13.6448, -10.2407



76.6940, 20.8569, -16.3946



77.2080, -18.8365, 21.7426

Square

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



76.6940, 20.8569, -16.3946



79.2970, -3.5974, 33.9425



75.5930, -19.5193, 7.3729



61.9330, 11.3720, -54.3152

Rectangle

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



76.6940, 20.8569, -16.3946



80.5370, 9.1023, 20.5771



75.5930, -19.5193, 7.3729



70.7230, -6.7654, -23.4361

Sweetspot

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



76.6940, 20.8569, -16.3946



139.4320, 8.1680, -6.5179



98.4810, 0.2559, -35.5018



68.9440, 4.9576, -3.4589



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



76.6940, 20.8569, -16.3946



88.8420, 33.1089, -26.1714



67.9440, 25.1706, 0.0491



54.8580, 2.0420, -1.6295



37.3880, 41.7137, -32.7893



76.6340, 85.4694, -67.2080

Inverse Universe

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



78.5190, -0.2559, 35.5018



91.6510, -0.3209, 56.4341



109.0560, -25.1706, -0.0491



55.0220, -0.0108, 3.4887



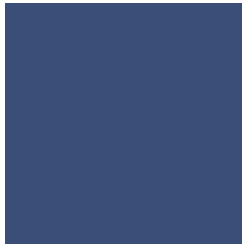
41.0380, -0.5117, 71.0037



84.0980, -1.0343, 145.4961

Previews

White Background



This preview shows how the YUV color 76.6940, 20.8569, -16.3946 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 76.6940, 20.8569, -16.3946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

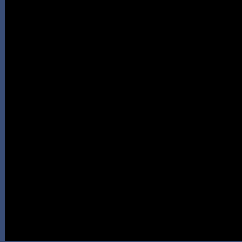
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.6940, 20.8569, -16.3946

Background



This preview shows how black text looks on a background with the YUV color 76.6940, 20.8569, -16.3946.



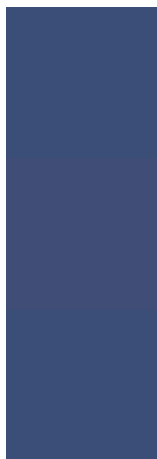
This preview shows how white text looks on a background with the YUV color 76.6940, 20.8569,

-16.3946.

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

76.6940, 20.8569, -16.3946

Protanopia

77.7870, 19.8250, -12.0912

Deuteranopia

76.6940, 20.8569, -16.3946



Tritanopia

74.2190, 7.7800, -22.1171

Trichromacy



Original Color

76.6940, 20.8569, -16.3946

Protanomaly

77.1890, 20.1198, -13.3208

Deuteranomaly

76.6940, 20.8569, -16.3946

Tritanomaly

75.1960, 12.7214, -20.3429

Monochromacy



Original Color

76.6940, 20.8569, -16.3946

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.6170, 7.5838, -5.8031

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6940, 20.8569, -16.3946 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(58, 78, 119)` looks like.

```
.text, #text, p{  
    color:rgb(58, 78, 119)  
}
```

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(58, 78, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 78, 119) }
```

Border

The CSS property to change the border of an element to YUV 76.6940, 20.8569, -16.3946 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(58, 78, 119) }
```


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

```
.border{ border-color:rgb(58, 78, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 78, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 78, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 78, 119);  
box-shadow:4px 4px 4px 4px rgb(58, 78,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 76.6940, 20.8569, -16.3946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 78, 119) }
```

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

```
.background{ background-color: rgb(58, 78,  
119) }
```

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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