

Converting Colors

YUV(78.7460, 15.4082, 4.6078)

Have a look what the booklet for
YUV(78.7460, 15.4082, 4.6078)
contains.

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Color

**YUV(78.7460, 15.4082,
4.6078)**

Conversions

Conversions Part 1

Format	Color
Hex	54466E
RGB	84, 70, 110
RGB Percent	33%, 27%, 43%
CMY	0.6706, 0.7255, 0.5686
CMYK	0.24, 0.36, 0.00, 0.57
HSL	261°, 22%, 35%
HSV	261°, 36%, 43%
XYZ	8.6608, 7.3909, 15.7220
YIQ	78.7460, -4.4960, 15.4080

Conversions

Conversions Part 2

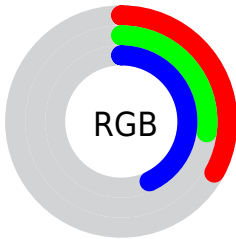
Format	Color
R_{YB}	84, 70, 110
Decimal	5523054
CIE _{Lab}	32.68, 15.17, -20.99
CIE _{LCh}	33, 25.898, 305.846
Yxy	7.3909, 0.2726, 0.2326
Android (android.graphics.Color)	4283713134 (0xFF54466E)
YUV	78.7460, 15.4082, 4.6078
Hunter-Lab	27.1863, 9.2892, -15.2574

Details

The YUV color **78.7460, 15.4082, 4.6078** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **101.2540, -15.4082, -4.6078**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8000, 16.8606, 5.4374**, and **33.3930, 14.1033, 3.1633** is the 20% darker color. If you saturate the color by 10%, you get **70.1960, 19.6234, 5.9671**, and if you desaturate by 10%, it is **87.2960, 11.1931, 3.2484**.

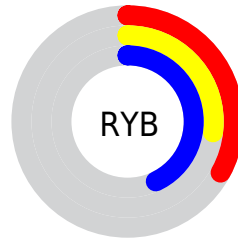
Distribution



Red (33%)

Green (27%)

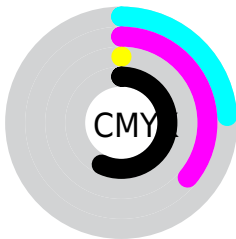
Blue (43%)



Red (33%)

Yellow (27%)

Blue (43%)

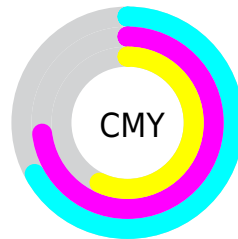


Cyan (24%)

Magenta (36%)

Yellow (0%)

Black (57%)



Cyan (67%)

Magenta (73%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.7460, 15.4082, 4.6078 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 78.7460, 15.4082, 4.6078 by changing the saturation by 10% instead.

■ 78.7460, 15.4082,
4.6078

■ 78.7460, 15.4082,
4.6078

■ 255.0000, 0.0000,
0.0000

■ 55.9200, 14.8294,
3.5782

■ 127.8000, 16.8606,
5.4374

■ 33.3930, 14.1033,
3.1633

■ 154.2130, 17.1500,
5.9522

■ 10.2410, 14.6712,
7.6816

■ 181.3270, 17.5868,
5.8522

■ 2.6390, 7.5730,
-2.3144

■ 208.7400, 17.8762,
6.3670

■ 0.0000, 0.0000,
0.0000

■ 234.9870, 9.8664,
8.7814

■ 78.7460, 15.4082,
4.6078

■ 78.7460, 15.4082,
4.6078

■ 70.1960, 19.6234,
5.9671

■ 87.2960, 11.1931,
3.2484

■ 61.6460, 23.8385,
7.3265

■ 95.8460, 6.9779,
1.8891

■ 53.0960, 28.0537,
8.6858

■ 104.3960, 2.7628,
0.5297

■ 44.2470, 32.4162,
9.4304

■ 113.2450, -1.5998,
-0.2149

■ 35.6970, 36.6314,
10.7897

■ 121.7950, -5.8149,
-1.5742

■ 27.1470, 40.8465,
12.1491


■ 130.3450,
-10.0301, -2.9336

■ 23.9020, 42.4463,
12.3639

■ 138.8950,
-14.2452, -4.2929

■ 147.4450,

-18.4604, -5.6523

 155.9950,
-22.6755, -7.0116

Harmonies

Analogous

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



74.3730, 21.0151, -20.4981



78.7460, 15.4082, 4.6078



79.0920, 7.3496, 22.7213

Triad

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



78.7460, 15.4082, 4.6078



76.4470, -17.9684, 23.2870



60.1890, 9.7668, -52.7858

Complementary

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



78.7460, 15.4082, 4.6078



101.2540, -15.4082, -4.6078

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.



68.2710, -4.5706, -27.4247



78.7460, 15.4082, 4.6078



74.9030, -19.6722, 9.7321

Square

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



78.7460, 15.4082, 4.6078



77.2230, -11.4489, 32.2534



72.7590, -14.6712, -7.6816



62.4690, 18.5028, -54.7853

Rectangle

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



78.7460, 15.4082, 4.6078



78.2410, 1.3602, 30.4836



72.7590, -14.6712, -7.6816



61.7830, 5.5300, -47.1677

Sweetspot

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



78.7460, 15.4082, 4.6078



130.6180, 6.1043, 2.0890



89.8220, 9.9478, -17.3839



63.9230, 3.4890, 0.9445



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.



78.7460, 15.4082, 4.6078



93.7600, 24.2753, 7.2265



84.7260, 12.4601, 16.9033



51.2820, 2.3260, 0.6297



26.2380, 46.2247, 13.8233



54.1710, 95.0647, 28.7910

Inverse Universe

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



84.9240, 5.4605, 21.9917



103.5110, 8.6221, 34.6319



95.2740, -12.4601, -16.9033



52.2500, 0.8628, 3.2888



44.7720, 16.3814, 65.9750



92.2070, 33.9149, 135.7535

Previews

White Background



This preview shows how the YUV color 78.7460, 15.4082, 4.6078 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 78.7460, 15.4082, 4.6078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

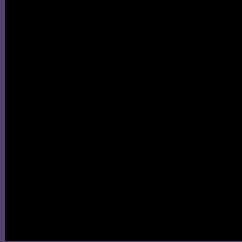
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.7460, 15.4082, 4.6078

Background



This preview shows how black text looks on a background with the YUV color 78.7460, 15.4082, 4.6078.



This preview shows how white text looks on a background with the YUV color 78.7460, 15.4082,

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

78.7460, 15.4082, 4.6078

Protanopia

76.8580, 18.8040, -11.2765

Deuteranopia

76.7720, 15.8884, -9.4470



Tritanopia

77.5810, 2.1786, 1.2445

Trichromacy



Original Color

78.7460, 15.4082, 4.6078

Protanomaly

77.5490, 17.4773, -5.7435

Deuteranomaly

77.6910, 15.4353, -4.1140

Tritanomaly

78.1450, 6.8305, 2.5038

Monochromacy



Original Color

78.7460, 15.4082, 4.6078

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0910, 5.3781, 1.6742

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.7460, 15.4082, 4.6078 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(84, 70, 110)` looks like.

```
.text, #text, p{  
    color:rgb(84, 70, 110)  
}
```

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(84, 70, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 70, 110) }
```

Border

The CSS property to change the border of an element to YUV 78.7460, 15.4082, 4.6078 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(84, 70, 110) }
```


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

```
.border{ border-color:rgb(84, 70, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 70, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 70, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 70, 110);  
box-shadow:4px 4px 4px 4px rgb(84, 70,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 78.7460, 15.4082, 4.6078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 70, 110) }
```

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

```
.background{ background-color: rgb(84, 70,  
110) }
```

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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