

Converting Colors

YUV(78.7620, 14.4143, -3.2993)

Have a look what the booklet for
YUV(78.7620, 14.4143, -3.2993)
contains.

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Color

**YUV(78.7620, 14.4143,
-3.2993)**

Conversions

Conversions Part 1

Format	Color
Hex	4B4B6C
RGB	75, 75, 108
RGB Percent	29%, 29%, 42%
CMY	0.7059, 0.7059, 0.5765
CMYK	0.31, 0.31, 0.00, 0.58
HSL	240°, 18%, 36%
HSV	240°, 31%, 42%
XYZ	8.1245, 7.6107, 15.2282
YIQ	78.7620, -10.5930, 10.2630

Conversions

Conversions Part 2

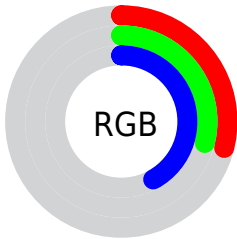
Format	Color
R _Y B	75, 75, 108
Decimal	4934508
CIE Lab	33.16, 8.36, -19.06
CIE LCh	33, 20.813, 293.692
Yxy	7.6107, 0.2624, 0.2458
Android (android.graphics.Color)	4283124588 (0xFF4B4B6C)
YUV	78.7620, 14.4143, -3.2993
Hunter-Lab	27.5875, 4.2899, -13.4165

Details

The YUV color **78.7620, 14.4143, -3.2993** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **104.2380, -14.4143, 3.2993**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4030, 15.5773, -2.9844**, and **33.7080, 12.9620, -4.1289** is the 20% darker color. If you saturate the color by 10%, you get **69.0160, 19.2191, -4.3990**, and if you desaturate by 10%, it is **88.5080, 9.6096, -2.1995**.

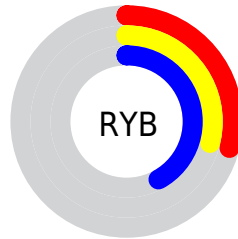
Distribution



Red (29%)

Green (29%)

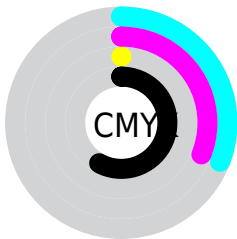
Blue (42%)



Red (29%)

Yellow (29%)

Blue (42%)

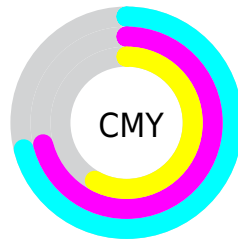


Cyan (31%)

Magenta (31%)

Yellow (0%)

Black (58%)



Cyan (71%)

Magenta (71%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.7620, 14.4143, -3.2993 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 78.7620, 14.4143, -3.2993 by changing the saturation by 10% instead.

■ 78.7620, 14.4143,
-3.2993

■ 78.7620, 14.4143,
-3.2993

■ 255.0000, 0.0000,
0.0000

■ 55.6480, 13.9775,
-3.1993

■ 128.4030, 15.5773,
-2.9844

■ 33.7080, 12.9620,
-4.1289

■ 153.9300, 16.3035,
-2.5696

■ 10.9470, 13.8301,
-2.5845

■ 180.9300, 16.3035,
-2.5696

■ 2.4110, 6.6994,
-2.1144

■ 208.7450, 16.8877,
-3.2844

■ 0.0000, 0.0000,
0.0000

■ 235.2200, 9.7515,
-1.0699

■ 78.7620, 14.4143,
-3.2993

■ 78.7620, 14.4143,
-3.2993

■ 69.0160, 19.2191,
-4.3990

■ 88.5080, 9.6096,
-2.1995

■ 59.2700, 24.0239,
-5.4988

■ 98.2540, 4.8048,
-1.0998

■ 50.4100, 28.3919,
-6.4986

■ 107.1140, 0.4368,
-0.1000

■ 40.6640, 33.1966,
-7.5983

■ 116.8600, -4.3680,
0.9998

■ 30.9180, 38.0014,
-8.6981

■ 126.6060, -9.1728,
2.0995

■ 21.1720, 42.8062,
-9.7978

■ 136.3520,
-13.9775, 3.1993

■ 12.3120, 47.1742,
-10.7976

■ 146.0980,
-18.7823, 4.2991

■ 154.9580,

-23.1503, 5.2988

■ 164.7040,
-27.9551, 6.3986

Harmonies

Analogous

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



74.7380, 17.3842, -22.5722



78.7620, 14.4143, -3.2993



80.0800, 8.8346, 13.0848

Triad

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



78.7620, 14.4143, -3.2993



78.1140, -12.8742, 22.7020



69.9700, 1.9868, -30.6687

Complementary

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



78.7620, 14.4143, -3.2993



104.2380, -14.4143, 3.2993

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.



73.5500, -7.6661, -14.5143



78.7620, 14.4143, -3.2993



77.2500, -15.8992, 12.9358

Square

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



78.7620, 14.4143, -3.2993



79.1560, -6.4859, 27.0502



75.6290, -14.1141, 0.3254



65.9280, 12.3605, -44.6639

Rectangle

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



78.7620, 14.4143, -3.2993



79.8700, 4.0081, 21.1620



75.6290, -14.1141, 0.3254



71.0910, -1.5239, -24.6358

Sweetspot

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



78.7620, 14.4143, -3.2993



129.3680, 5.2416, -1.1997



98.1330, 4.8644, -20.2876



64.7980, 3.0576, -0.6998



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.



78.7620, 14.4143, -3.2993



93.9280, 22.7135, -5.1989



83.8450, 11.9084, 7.1519



48.6840, 2.6208, -0.5999



13.3380, 51.1054, -11.6974



27.9300, 107.0155, -24.4946

Inverse Universe

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



88.6290, 9.5499, 16.9884



109.4760, 15.0483, 26.7695



99.4540, -12.0558, -6.5372



50.4780, 1.7363, 3.0888



48.3210, 33.8587, 60.2315



101.1850, 70.9008, 126.1258

Previews

White Background



This preview shows how the YUV color 78.7620, 14.4143, -3.2993 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 78.7620, 14.4143, -3.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

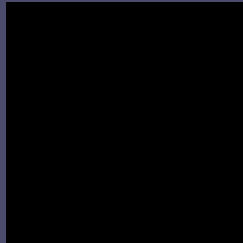
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.7620, 14.4143, -3.2993

Background



This preview shows how black text looks on a background with the YUV color 78.7620, 14.4143, -3.2993.



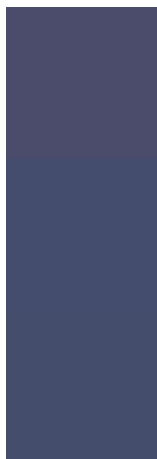
This preview shows how white text looks on a background with the YUV color 78.7620, 14.4143,

-3.2993.

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

78.7620, 14.4143, -3.2993

Protanopia

77.9570, 15.3042, -8.7323

Deuteranopia

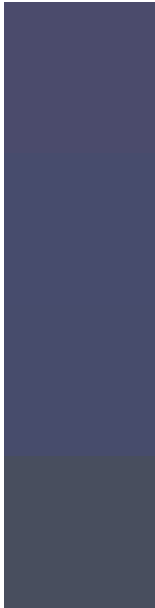
77.8430, 14.8674, -8.6323



Tritanopia

77.1070, 4.3842, -6.2328

Trichromacy



Original Color

78.7620, 14.4143, -3.2993

Protanomaly

78.2670, 15.1514, -6.3732

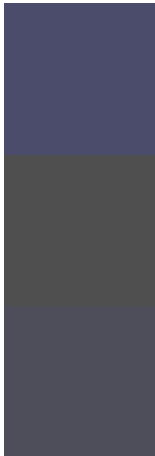
Deuteranomaly

78.1530, 14.7146, -6.2732

Tritanomaly

78.0300, 7.8732, -5.2883

Monochromacy



Original Color

78.7620, 14.4143, -3.2993

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.3680, 5.2416, -1.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.7620, 14.4143, -3.2993 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(75, 75, 108)` looks like.

```
.text, #text, p{  
    color:rgb(75, 75, 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(75, 75, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 75, 108) }
```

Border

The CSS property to change the border of an element to YUV 78.7620, 14.4143, -3.2993 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(75, 75, 108) }
```


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

```
.border{ border-color:rgb(75, 75, 108) }
```

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

Here you see how a box with a 4 pixel rgb(75, 75, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 75, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 75, 108);  
box-shadow:4px 4px 4px 4px rgb(75, 75,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 78.7620, 14.4143, -3.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 75, 108) }
```

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

```
.background{ background-color: rgb(75, 75,  
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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