

Converting Colors

YUV(59.7780, -6.7926, -14.7143)

Have a look what the booklet for
YUV(59.7780, -6.7926, -14.7143)
contains.

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Color

**YUV(59.7780, -6.7926,
-14.7143)**

Conversions

Conversions Part 1

Format	Color
Hex	2B472E
RGB	43, 71, 46
RGB Percent	17%, 28%, 18%
CMY	0.8314, 0.7216, 0.8196
CMYK	0.39, 0.00, 0.35, 0.72
HSL	126°, 25%, 22%
HSV	126°, 39%, 28%
XYZ	3.7426, 5.2173, 3.3946
YIQ	59.7780, -8.6630, -13.7110

Conversions

Conversions Part 2

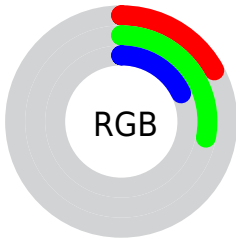
Format	Color
R_{YB}	43, 68, 71
Decimal	2836270
CIE _{Lab}	27.35, -16.73, 11.79
CIE _{LCh}	27, 20.463, 144.831
Yxy	5.2173, 0.3029, 0.4223
Android (android.graphics.Color)	4281026350 (0xFF2B472E)
YUV	59.7780, -6.7926, -14.7143
Hunter-Lab	22.8415, -10.7248, 7.1777

Details

The YUV color **59.7780, -6.7926, -14.7143** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **54.2220, 6.7926, 14.7143**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.8380, -7.8081, -15.6439**, and **16.4360, -8.1029, -14.4144** is the 20% darker color. If you saturate the color by 10%, you get **57.0010, -8.3815, -18.4179**, and if you desaturate by 10%, it is **62.5550, -5.2036, -11.0107**.

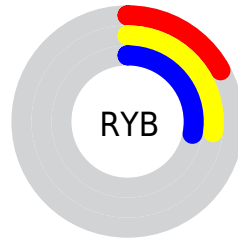
Distribution



Red (17%)

Green (28%)

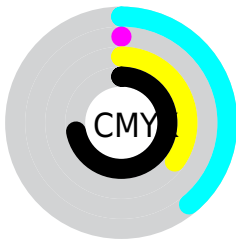
Blue (18%)



Red (17%)

Yellow (27%)

Blue (28%)

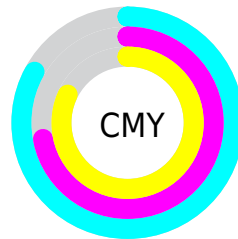


Cyan (39%)

Magenta (0%)

Yellow (35%)

Black (72%)



Cyan (83%)

Magenta (72%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7780, -6.7926, -14.7143 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 59.7780, -6.7926, -14.7143 by changing the saturation by 10% instead.

■ 59.7780, -6.7926,
-14.7143

■ 59.7780, -6.7926,
-14.7143

255.0000, 0.0000,
0.0000

■ 37.3050, -6.0664,
-14.2995

■ 107.8380, -7.8081,
-15.6439

■ 16.4360, -8.1029,
-14.4144

■ 132.8380, -7.8081,
-15.6439

■ 0.0000, 0.0000,
0.0000

■ 159.0120, -8.3869,
-16.6735

■ 186.0120, -8.3869,
-16.6735

■ 213.5990, -8.6763,
-17.1883

■ 241.5990, -8.6763,

-17.1883

253.5760, -0.2840,
-2.2592

■ 59.7780, -6.7926,
-14.7143

■ 59.7780, -6.7926,
-14.7143

■ 57.0010, -8.3815,
-18.4179

■ 62.5550, -5.2036,
-11.0107

■ 54.1100, -10.4072,
-22.0215

■ 65.4460, -3.1779,
-7.4071

■ 51.3330, -11.9962,
-25.7250

■ 68.2230, -1.5889,
-3.7036

■ 48.5560, -13.5851,
-29.4286

■ 71.0000, 0.0000,
0.0000

■ 45.6650, -15.6108,
-33.0322

■ 74.1900, 1.8783,
4.2184

■ 42.5890, -17.0524,
-37.3506

■ 76.9670, 3.4673,
7.9219

■ 79.7440, 5.0562,
11.6255

■ 82.6350, 7.0819,
15.2291

■ 85.4120, 8.6709,
18.9327

Harmonies

Analogous

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



62.2590, -12.9457, -1.1041



59.7780, -6.7926, -14.7143



55.7850, 2.5710, -31.3834

Triad

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



59.7780, -6.7926, -14.7143



61.0370, 17.2368, -21.9574



65.4440, -6.6279, 25.9206

Complementary

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



59.7780, -6.7926, -14.7143



54.2220, 6.7926, 14.7143

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.



66.0830, 0.9451, 23.6062



59.7780, -6.7926, -14.7143



65.5340, 13.5407, -3.0993

Square

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



59.7780, -6.7926, -14.7143



51.9370, 18.7651, -45.5487



66.8520, 7.9610, 13.2848



64.6300, -12.1426, 21.3725

Rectangle

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



59.7780, -6.7926, -14.7143



51.0590, 10.3239, -44.7787



66.8520, 7.9610, 13.2848



65.4270, -4.1545, 25.9355

Sweetspot

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



59.7780, -6.7926, -14.7143



87.5710, -2.7465, -5.7628



66.9110, -11.7881, 0.9551



43.2230, -1.5889, -3.7036



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



59.7780, -6.7926, -14.7143



74.6970, -10.6966, -22.5363



61.3740, -0.6774, -16.1140



34.4620, -0.7208, -2.1592



59.3670, -23.8449, -52.0649



135.9850, -55.2086, -119.2588

Inverse Universe

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



54.2220, 6.7926, 14.7143



66.1890, 10.2598, 22.6362



52.6260, 0.6774, 16.1140



33.5380, 0.7208, 2.1592



39.7470, 24.2817, 51.9649



91.0150, 55.2086, 119.2588

Previews

White Background



This preview shows how the YUV color 59.7780, -6.7926, -14.7143 looks on a white background.

Color Contrast Check

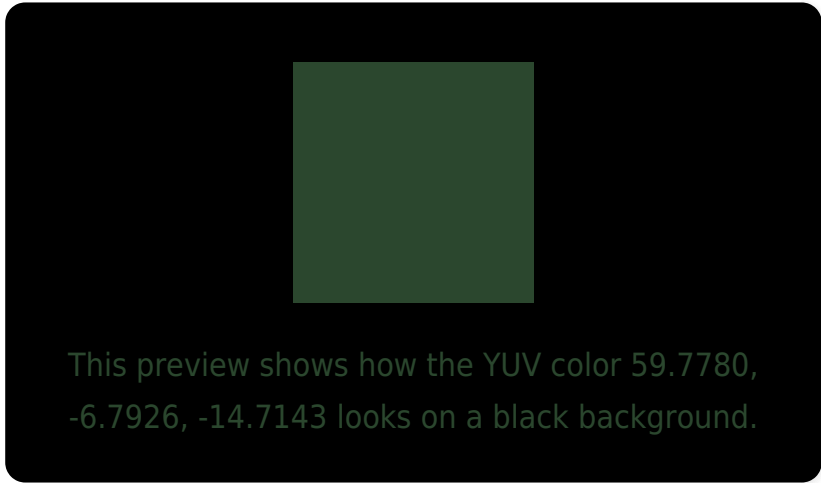
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

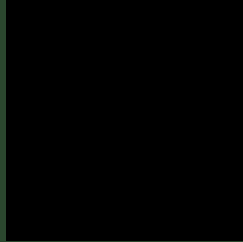
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7780, -6.7926, -14.7143

Background



This preview shows how black text looks on a background with the YUV color 59.7780, -6.7926, -14.7143.



This preview shows how white text looks on a background with the YUV color 59.7780, -6.7926, -14.7143.

-14.7143.

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

59.7780, -6.7926, -14.7143

Protanopia

63.4000, -10.0572, 5.7882

Deuteranopia

64.5900, -8.1789, 10.0066



Tritanopia

62.5900, 5.1321, -12.7954

Trichromacy



Original Color

59.7780, -6.7926, -14.7143

Protanomaly

62.2850, -9.0145, -2.0039

Deuteranomaly

62.6490, -7.7150, 1.1848

Tritanomaly

61.4390, 0.7696, -13.5400

Monochromacy



Original Color

59.7780, -6.7926, -14.7143

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.9840, -2.4571, -5.2480

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7780, -6.7926, -14.7143 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(43, 71, 46)` looks like.

```
.text, #text, p{  
    color:rgb(43, 71, 46)  
}
```

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(43, 71, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 71, 46) }
```

Border

The CSS property to change the border of an element to YUV 59.7780, -6.7926, -14.7143 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(43, 71, 46) }
```


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

```
.border{ border-color:rgb(43, 71, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 71, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 71, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 71, 46);  
box-shadow:4px 4px 4px 4px rgb(43, 71, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.7780, -6.7926, -14.7143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 71, 46) }
```

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

```
.background{ background-color: rgb(43, 71,  
46) }
```

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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