

Converting Colors

YUV(42.7550, 1.5998, 0.2149)

Have a look what the booklet for
YUV(42.7550, 1.5998, 0.2149)
contains.

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Color

**YUV(42.7550, 1.5998,
0.2149)**

Conversions

Conversions Part 1

Format	Color
Hex	2B2A2E
RGB	43, 42, 46
RGB Percent	17%, 16%, 18%
CMY	0.8314, 0.8353, 0.8196
CMYK	0.07, 0.09, 0.00, 0.82
HSL	255°, 5%, 17%
HSV	255°, 9%, 18%
XYZ	2.3174, 2.3668, 2.9195
YIQ	42.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

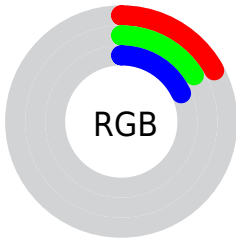
Format	Color
R_{YB}	43, 42, 46
Decimal	2828846
CIE Lab	17.31, 1.43, -2.44
CIE LCh	17, 2.826, 300.359
Yxy	2.3668, 0.3048, 0.3113
Android (android.graphics.Color)	4281018926 (0xFF2B2A2E)
YUV	42.7550, 1.5998, 0.2149
Hunter-Lab	15.3843, -0.0348, -0.4823

Details

The YUV color **42.7550, 1.5998, 0.2149** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.2450, -1.5998, -0.2149**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.8690, 2.0366, 0.1149**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.9230, 3.4890, 0.9445**, and if you desaturate by 10%, it is **46.5870, -0.2894, -0.5148**.

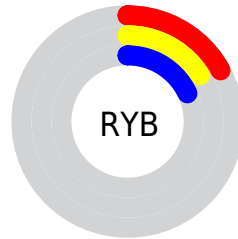
Distribution



Red (17%)

Green (16%)

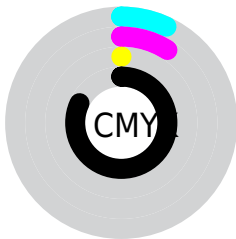
Blue (18%)



Red (17%)

Yellow (16%)

Blue (18%)

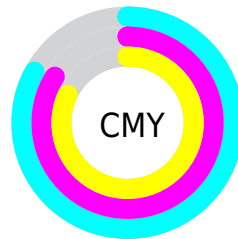


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (82%)



Cyan (83%)

Magenta (84%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.7550, 1.5998, 0.2149 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 42.7550, 1.5998, 0.2149 by changing the saturation by 10% instead.

■ 42.7550, 1.5998,
0.2149

■ 42.7550, 1.5998,
0.2149

■ 255.0000, 0.0000,
0.0000

■ 22.6410, 1.1630,
0.3148

■ 87.8690, 2.0366,
0.1149

■ 0.0000, 0.0000,
0.0000

■ 112.7550, 1.5998,
0.2149

■ 137.8690, 2.0366,
0.1149

■ 163.8690, 2.0366,
0.1149

■ 191.1680, 1.8892,
0.7297

■ 218.8690, 2.0366,

0.1149

247.8690, 2.0366,
0.1149

42.7550, 1.5998,
0.2149

42.7550, 1.5998,
0.2149

38.9230, 3.4890,
0.9445

46.5870, -0.2894,
-0.5148

35.3790, 5.2362,
0.5446

50.1310, -2.0366,
-0.1149

31.5470, 7.1253,
1.2743

53.9630, -3.9258,
-0.8446

28.0030, 8.8725,
0.8744

57.5070, -5.6730,
-0.4446

24.1710, 10.7617,
1.6040

61.3390, -7.5621,
-1.1743

■ 20.0400, 12.7983,
1.7189

■ 65.4700, -9.5987,
-1.2892

■ 16.7950, 14.3981,
1.9338

■ 68.7150, -11.1985,
-1.5041

■ 12.6640, 16.4346,
2.0487

■ 72.8460, -13.2351,
-1.6189

■ 9.4190, 18.0344,
2.2635

■ 76.0910, -14.8349,
-1.8338

Harmonies

Analogous

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



42.8580, 2.0420, -1.6295



42.7550, 1.5998, 0.2149



42.6520, 1.1576, 2.0592

Triad

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



42.7550, 1.5998, 0.2149



42.8540, -1.9000, 2.7590



41.9780, 0.0108, -3.4887

Complementary

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



42.7550, 1.5998, 0.2149



45.2450, -1.5998, -0.2149

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.



42.3480, -1.1576, -2.0592



42.7550, 1.5998, 0.2149



42.2560, -1.6052, 1.5295

Square

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



42.7550, 1.5998, 0.2149



42.7940, -0.8844, 3.6887



42.2450, -1.5998, -0.2149



42.2060, 0.8844, -3.6887

Rectangle

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



42.7550, 1.5998, 0.2149



42.7230, 0.1366, 2.8739



42.2450, -1.5998, -0.2149



41.9780, 0.0108, -3.4887

Sweetspot

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



42.7550, 1.5998, 0.2149



57.2280, 0.8736, -0.2000



44.2170, 0.8790, -1.9443



29.5270, 0.7262, 0.4148



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



42.7550, 1.5998, 0.2149



53.9830, 2.4734, 0.0149



43.3530, 1.3050, 1.4444



21.2280, 0.8736, -0.2000



16.4960, 34.7585, 4.8270



40.5420, 85.5148, 11.8027

Inverse Universe

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



43.5380, 0.7208, 2.1592



55.2500, 0.8628, 3.2888



44.6470, -1.3050, -1.4444



21.7120, 0.1420, 1.1296



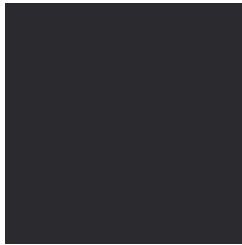
33.4230, 15.5675, 46.9870



82.3400, 38.7794, 115.4658

Previews

White Background



This preview shows how the YUV color 42.7550, 1.5998, 0.2149 looks on a white background.

Color Contrast Check

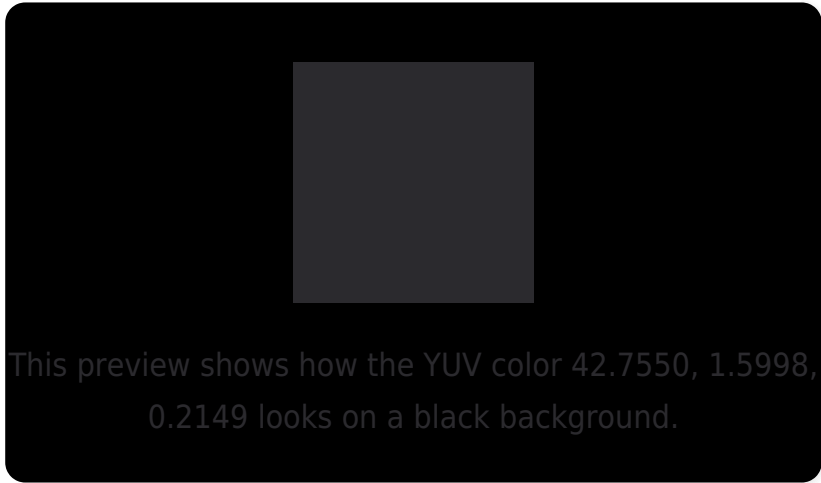
Large Text (above 18pt) WCAG AA ✓ Pass

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

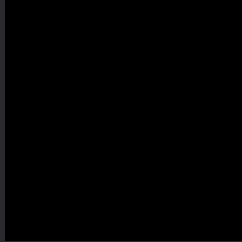
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

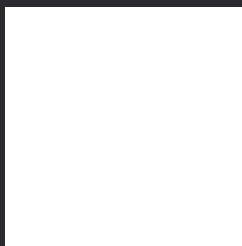
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 42.7550, 1.5998, 0.2149

Background



This preview shows how black text looks on a background with the YUV color 42.7550, 1.5998, 0.2149.



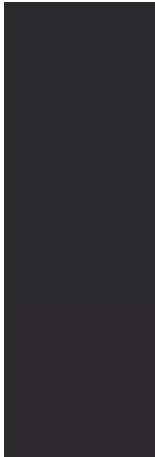
This preview shows how white text looks on a background with the YUV color 42.7550, 1.5998,

0.2149.

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

42.7550, 1.5998, 0.2149

Protanopia

42.4560, 1.7472, -0.3999

Deuteranopia

42.7660, 1.5944, 1.9592



Tritanopia

42.6410, 1.1630, 0.3148

Trichromacy



Original Color

42.7550, 1.5998, 0.2149

Protanomaly

42.4560, 1.7472, -0.3999

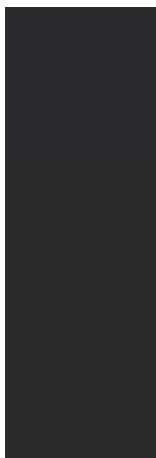
Deuteranomaly

42.4670, 1.7418, 1.3444

Tritanomaly

42.6410, 1.1630, 0.3148

Monochromacy



Original Color

42.7550, 1.5998, 0.2149

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.7550, 1.5998, 0.2149 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, 42, 46)` looks like.

```
.text, #text, p{  
    color:rgb(43, 42, 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, 42, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 42, 46) }
```

Border

The CSS property to change the border of an element to YUV 42.7550, 1.5998, 0.2149 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, 42, 46) }
```


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

```
.border{ border-color:rgb(43, 42, 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, 42, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 42, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 42, 46);  
box-shadow:4px 4px 4px 4px rgb(43, 42, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.7550, 1.5998, 0.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 42, 46) }
```

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

```
.background{ background-color: rgb(43, 42,  
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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