

Converting Colors

YUV(76.4450, -5.1494, -28.4543)

Have a look what the booklet for
YUV(76.4450, -5.1494, -28.4543)
contains.

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Color

**YUV(76.4450, -5.1494,
-28.4543)**

Conversions

Conversions Part 1

Format	Color
Hex	2C5F42
RGB	44, 95, 66
RGB Percent	17%, 37%, 26%
CMY	0.8275, 0.6275, 0.7412
CMYK	0.54, 0.00, 0.31, 0.63
HSL	146°, 37%, 27%
HSV	146°, 54%, 37%
XYZ	6.1143, 9.1132, 6.5910
YIQ	76.4450, -21.0870, -19.8310

Conversions

Conversions Part 2

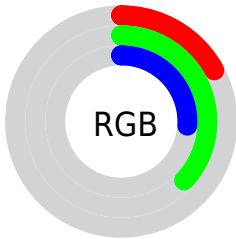
Format	Color
R_{YB}	44, 80, 95
Decimal	2907970
CIE _{Lab}	36.20, -24.66, 11.47
CIE _{LCh}	36, 27.202, 155.052
Yxy	9.1132, 0.2802, 0.4177
Android (android.graphics.Color)	4281098050 (0xFF2C5F42)
YUV	76.4450, -5.1494, -28.4543
Hunter-Lab	30.1881, -16.6760, 8.1868

Details

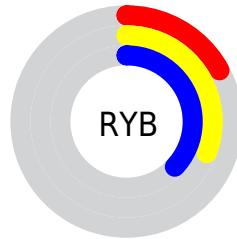
The YUV color **76.4450, -5.1494, -28.4543** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **62.5550, 5.1494, 28.4543**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.8040, -6.3124, -28.7691**, and **30.7980, -3.8444, -27.0098** is the 20% darker color. If you saturate the color by 10%, you get **73.1840, -6.0067, -33.4874**, and if you desaturate by 10%, it is **80.0050, -4.4395, -22.8064**.

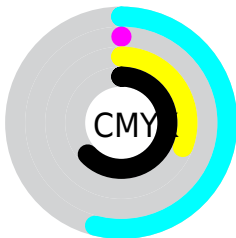
Distribution



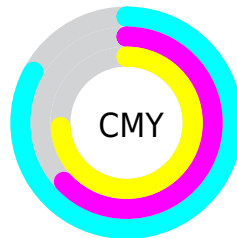
- Red (17%)
- Green (37%)
- Blue (26%)



- Red (17%)
- Yellow (31%)
- Blue (37%)



- Cyan (54%)
- Magenta (0%)
- Yellow (31%)
- Black (63%)



- Cyan (83%)
- Magenta (63%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.4450, -5.1494, -28.4543 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 76.4450, -5.1494, -28.4543 by changing the saturation by 10% instead.

■ 76.4450, -5.1494,
-28.4543

■ 76.4450, -5.1494,
-28.4543

255.0000, 0.0000,
0.0000

■ 52.0750, -3.9810,
-29.8838

■ 126.8040, -6.3124,
-28.7691

■ 30.7980, -3.8444,
-27.0098

■ 153.0920, -6.4544,
-29.8987

■ 17.0230, -8.3923,
-14.9292

■ 179.9780, -6.8912,
-29.7987

■ 0.0000, 0.0000,
0.0000

■ 207.5650, -7.1805,
-30.3135

■ 234.9780, -6.8912,
-29.7987

■ 246.6560, 1.6486,

-15.4843

■ 76.4450, -5.1494,
-28.4543

■ 76.4450, -5.1494,
-28.4543

■ 73.1840, -6.0067,
-33.4874

■ 80.0050, -4.4395,
-22.8064

■ 69.5100, -7.1534,
-39.0353

■ 83.3800, -3.1453,
-17.8733

■ 66.2490, -8.0108,
-44.0684

■ 86.9400, -2.4354,
-12.2254

■ 62.5750, -9.1575,
-49.6163

■ 90.3150, -1.1413,
-7.2923

■ 60.4390, -9.5834,
-53.0050

■ 93.8750, -0.4314,
-1.6444

■ 97.1360, 0.4260,
3.3887

■ 100.8100, 1.5727,
8.9366

■ 104.0710, 2.4300,
13.9697

■ 107.7450, 3.5767,
19.5176

Harmonies

Analogous

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



80.4170, -15.9816, -7.3817



76.4450, -5.1494, -28.4543



66.9710, 10.3673, -58.7336

Triad

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



76.4450, -5.1494, -28.4543



82.1170, 22.6203, -22.0276



85.4190, -12.0386, 34.7125

Complementary

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



76.4450, -5.1494, -28.4543



62.5550, 5.1494, 28.4543

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.



86.3510, -2.1450, 34.7722



76.4450, -5.1494, -28.4543



87.0880, 16.7186, 4.3078

Square

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



76.4450, -5.1494, -28.4543



68.1400, 27.5390, -59.7588



87.9180, 7.9284, 23.7509



84.5290, -18.9948, 25.8461

Rectangle

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



76.4450, -5.1494, -28.4543



68.0940, 17.2087, -59.7184



87.9180, 7.9284, 23.7509



86.2280, -8.9864, 35.7570

Sweetspot

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



76.4450, -5.1494, -28.4543



115.0650, -2.0040, -10.5810



82.9070, -19.1812, -7.8114



57.0270, -0.9993, -6.1627



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



76.4450, -5.1494, -28.4543



93.6620, -7.7214, -43.5536



79.2950, 5.7706, -30.9537



46.5760, -0.2840, -2.2592



71.2160, -11.4455, -62.4564



152.6220, -24.4636, -133.8495

Inverse Universe

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



62.5550, 5.1494, 28.4543



72.4520, 8.1582, 43.4536



59.7050, -5.7706, 30.9537



45.4240, 0.2840, 2.2592



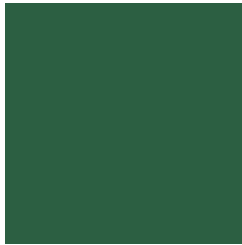
40.7840, 11.4455, 62.4564



87.2640, 24.0268, 133.9495

Previews

White Background



This preview shows how the YUV color 76.4450, -5.1494, -28.4543 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 76.4450, -5.1494, -28.4543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

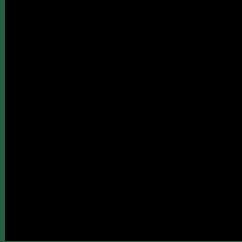
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.4450, -5.1494, -28.4543

Background



This preview shows how black text looks on a background with the YUV color 76.4450, -5.1494, -28.4543.



This preview shows how white text looks on a background with the YUV color 76.4450, -5.1494,

-28.4543.

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

76.4450, -5.1494, -28.4543

Protanopia

84.0580, -11.3676, 6.0881

Deuteranopia

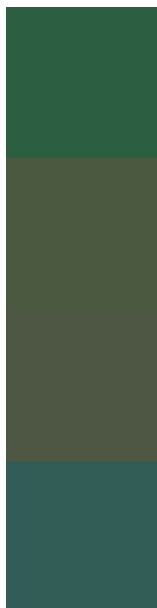
84.7150, -7.7475, 11.6509



Tritanopia

80.4360, 8.6591, -24.0614

Trichromacy



Original Color

76.4450, -5.1494, -28.4543

Protanomaly

81.5510, -9.1456, -6.6222

Deuteranomaly

81.5560, -6.6831, -3.1186

Tritanomaly

78.7580, 3.5703, -25.2208

Monochromacy



Original Color

76.4450, -5.1494, -28.4543

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0650, -2.0040, -10.5810

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.4450, -5.1494, -28.4543 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(44, 95, 66)` looks like.

```
.text, #text, p{  
    color:rgb(44, 95, 66)  
}
```

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(44, 95, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 95, 66) }
```

Border

The CSS property to change the border of an element to YUV 76.4450, -5.1494, -28.4543 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(44, 95, 66) }
```


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

```
.border{ border-color:rgb(44, 95, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 95, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 95, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 95, 66);  
box-shadow:4px 4px 4px 4px rgb(44, 95, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.4450, -5.1494, -28.4543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 95, 66) }
```

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

```
.background{ background-color: rgb(44, 95,  
66) }
```

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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