

Converting Colors

YUV(54.7660, 18.3564, -7.6878)

Have a look what the booklet for
YUV(54.7660, 18.3564, -7.6878)
contains.

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Color

**YUV(54.7660, 18.3564,
-7.6878)**

Conversions

Conversions Part 1

Format	Color
Hex	2E345C
RGB	46, 52, 92
RGB Percent	18%, 20%, 36%
CMY	0.8196, 0.7961, 0.6392
CMYK	0.50, 0.43, 0.00, 0.64
HSL	232°, 33%, 27%
HSV	232°, 50%, 36%
XYZ	4.2865, 3.8095, 10.6346
YIQ	54.7660, -16.4160, 11.1680

Conversions

Conversions Part 2

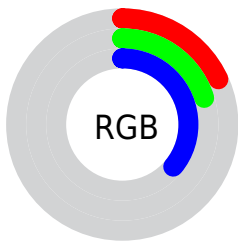
Format	Color
R_YB	46, 51, 92
Decimal	3028060
CIE Lab	23.03, 9.74, -24.81
CIE LCh	23, 26.651, 291.425
Yxy	3.8095, 0.2288, 0.2034
Android (android.graphics.Color)	4281218140 (0xFF2E345C)
YUV	54.7660, 18.3564, -7.6878
Hunter-Lab	19.5180, 5.0449, -18.6422




Details

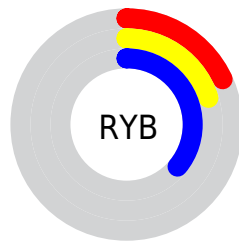
The YUV color **54.7660, 18.3564, -7.6878** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **83.2340, -18.3564, 7.6878**, and the grayscale version is **55.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **102.2330, 20.0981, -6.3433**, and **9.3530, 18.0670, -8.2026** is the 20% darker color. If you saturate the color by 10%, you get **47.3790, 21.9982, -9.1024**, and if you desaturate by 10%, it is **62.1530, 14.7146, -6.2732**.

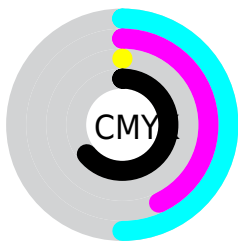
Distribution







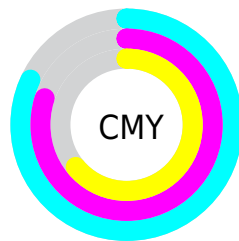
-  Red (18%)
-  Green (20%)
-  Blue (36%)






-  Red (18%)
-  Yellow (20%)
-  Blue (36%)



-  Cyan (50%)
-  Magenta (43%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (82%)
-  Magenta (80%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.7660, 18.3564, -7.6878 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 54.7660, 18.3564, -7.6878 by changing the saturation by 10% instead.

■ 54.7660, 18.3564,
-7.6878

■ 54.7660, 18.3564,
-7.6878

■ 255.0000, 0.0000,
0.0000

■ 32.5270, 17.4882,
-9.2322

■ 102.2330, 20.0981,
-6.3433

■ 9.3530, 18.0670,
-8.2026

■ 127.3470, 20.5349,
-6.4433

■ 3.4370, 10.6306,
-3.0142

■ 153.7600, 20.8243,
-5.9285

■ 0.0000, 0.0000,
0.0000

■ 180.4010, 21.9873,
-5.6137

■ 208.1020, 22.1347,
-6.2285

■ 233.4370, 10.6306,

-3.0142

■ 54.7660, 18.3564,
-7.6878

■ 54.7660, 18.3564,
-7.6878

■ 47.3790, 21.9982,
-9.1024

■ 62.1530, 14.7146,
-6.2732

■ 39.9920, 25.6399,
-10.5170

■ 69.5400, 11.0728,
-4.8586

■ 32.3060, 29.4291,
-12.5464

■ 77.2260, 7.2836,
-2.8292

■ 24.9190, 33.0709,
-13.9610

■ 84.6130, 3.6418,
-1.4146

■ 17.5320, 36.7127,
-15.3756

■ 92.0000, 0.0000,
0.0000

■ 99.3870, -3.6418,
1.4146

■ 106.7740, -7.2836,
2.8292

■ 114.4600,
-11.0728, 4.8586

■ 121.8470,
-14.7146, 6.2732

Harmonies

Analogous

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



45.3490, 23.9849, -39.7711



54.7660, 18.3564, -7.6878



57.0740, 11.3025, 14.8441

Triad

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



54.7660, 18.3564, -7.6878



53.9790, -14.7796, 27.2054



43.0400, 2.4453, -37.7461

Complementary

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



54.7660, 18.3564, -7.6878



83.2340, -18.3564, 7.6878

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.



48.0720, -9.4025, -17.6031



54.7660, 18.3564, -7.6878



53.3490, -19.3991, 15.4799

Square

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



54.7660, 18.3564, -7.6878



54.3030, -6.0654, 32.1833



51.3040, -17.8979, 0.6104



46.0210, 11.3286, -40.3604

Rectangle

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



54.7660, 18.3564, -7.6878



56.0600, 5.8864, 25.3804



51.3040, -17.8979, 0.6104



42.3560, -0.1755, -37.1462

Sweetspot

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



54.7660, 18.3564, -7.6878



105.2260, 7.2836, -2.8292



77.5620, 4.1599, -27.6799



52.4280, 4.2260, -2.1294



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.



54.7660, 18.3564, -7.6878



61.4910, 28.8449, -11.8316



56.3270, 17.5868, 5.8522



42.1570, 1.8946, -1.0147



20.7580, 43.9963, -18.2048



45.2150, 94.5500, -39.6536

Inverse Universe

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



60.4380, -4.1599, 27.6799



70.5540, -6.6821, 43.3641



81.6730, -17.5868, -5.8522



42.6090, -0.3002, 2.9739



34.4860, -10.0996, 66.2258



74.3970, -21.3947, 142.6028

Previews

White Background



This preview shows how the YUV color 54.7660, 18.3564, -7.6878 looks on a white background.

Color Contrast Check

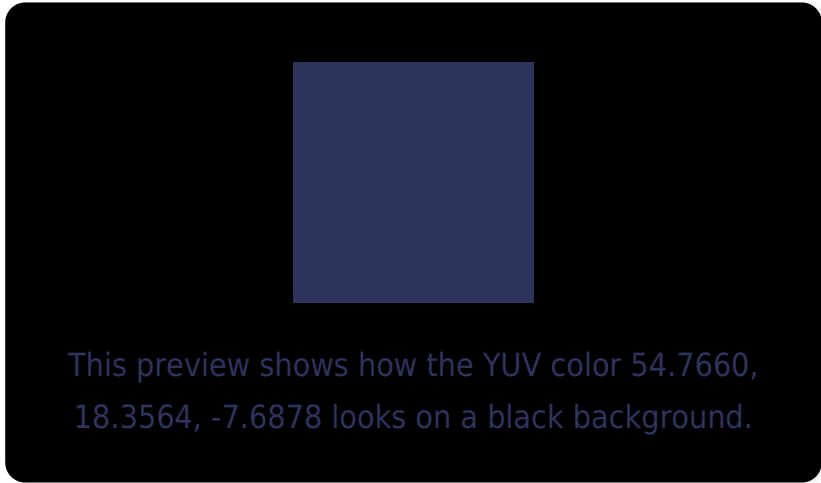
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.7660, 18.3564, -7.6878

Background



This preview shows how black text looks on a background with the YUV color 54.7660, 18.3564, -7.6878.



This preview shows how white text looks on a background with the YUV color 54.7660, 18.3564,

-7.6878.

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

54.7660, 18.3564, -7.6878

Protanopia

53.7760, 19.8304, -13.8356

Deuteranopia

51.9280, 19.2625, -18.3539



Tritanopia

52.2910, 5.2795, -13.4102

Trichromacy



Original Color

54.7660, 18.3564, -7.6878

Protanomaly

53.9720, 19.2408, -11.3764

Deuteranomaly

52.8360, 18.8149, -14.7652

Tritanomaly

53.2680, 10.2209, -11.6360

Monochromacy



Original Color

54.7660, 18.3564, -7.6878

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9980, 6.4100, -2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.7660, 18.3564, -7.6878 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(46, 52, 92)` looks like.

```
.text, #text, p{  
    color:rgb(46, 52, 92)  
}
```

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(46, 52, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 52, 92) }
```

Border

The CSS property to change the border of an element to YUV 54.7660, 18.3564, -7.6878 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(46, 52, 92) }
```


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

```
.border{ border-color:rgb(46, 52, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 52, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 52, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 52, 92);  
box-shadow:4px 4px 4px 4px rgb(46, 52, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.7660, 18.3564, -7.6878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 52, 92) }
```

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

```
.background{ background-color: rgb(46, 52,  
92) }
```

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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