

Converting Colors

YUV(114.4170, 17.5424,
-26.6757)

Have a look what the booklet for
YUV(114.4170, 17.5424, -26.6757)
contains.

YUV(114.4170, 17.5424, -26.6757)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(114.4170, 17.5424,
-26.6757)**

Conversions

Conversions Part 1

Format	Color
Hex	547B96
RGB	84, 123, 150
RGB Percent	33%, 48%, 59%
CMY	0.6706, 0.5176, 0.4118
CMYK	0.44, 0.18, 0.00, 0.41
HSL	205°, 28%, 46%
HSV	205°, 44%, 59%
XYZ	16.2441, 18.2527, 31.5211
YIQ	114.4170, -31.9110, 0.1290

Conversions

Conversions Part 2

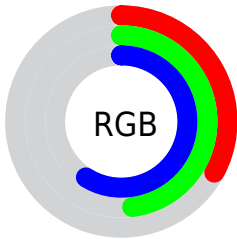
Format	Color
R_{YB}	84, 109, 150
Decimal	5536662
CIE _{Lab}	49.80, -6.15, -18.85
CIE _{LCh}	50, 19.833, 251.930
Yxy	18.2527, 0.2461, 0.2765
Android (android.graphics.Color)	4283726742 (0xFF547B96)
YUV	114.4170, 17.5424, -26.6757
Hunter-Lab	42.7232, -6.8968, -13.8378

Details

The YUV color **114.4170, 17.5424, -26.6757** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **119.5830, -17.5424, 26.6757**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9440, 18.2686, -26.2609**, and **64.2920, 17.1110, -28.3201** is the 20% darker color. If you saturate the color by 10%, you get **106.4100, 21.4899, -32.8086**, and if you desaturate by 10%, it is **122.4240, 13.5950, -20.5428**.

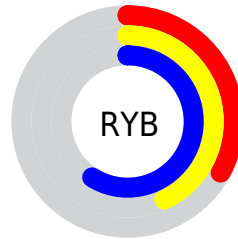
Distribution



Red (33%)

Green (48%)

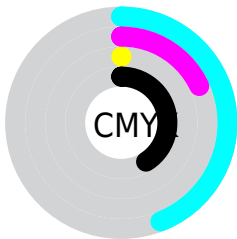
Blue (59%)



Red (33%)

Yellow (43%)

Blue (59%)

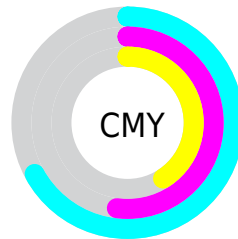


Cyan (44%)

Magenta (18%)

Yellow (0%)

Black (41%)



Cyan (67%)

Magenta (52%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.4170, 17.5424, -26.6757 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 114.4170, 17.5424, -26.6757 by changing the saturation by 10% instead.

■ 114.4170, 17.5424,
-26.6757

■ 114.4170, 17.5424,
-26.6757

■ 255.0000, 0.0000,
0.0000

■ 89.0040, 17.2530,
-27.1905

■ 166.9440, 18.2686,
-26.2609

■ 64.2920, 17.1110,
-28.3201

■ 194.6450, 18.4160,
-26.8757

■ 39.0740, 17.7115,
-34.2679

■ 222.0750, 16.2320,
-26.3758

■ 24.1250, 13.7424,
-21.1576

■ 244.5350, 5.1592,
-21.5172

■ 4.8220, 13.3988,
-4.2289

■ 253.2060, 0.8844,
-3.6887

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 114.4170, 17.5424,
-26.6757

■ 114.4170, 17.5424,
-26.6757

■ 106.4100, 21.4899,
-32.8086

■ 122.4240, 13.5950,
-20.5428

■ 98.4030, 25.4373,
-38.9414

■ 130.4310, 9.6475,
-14.4100

■ 90.3960, 29.3848,
-45.0743

■ 138.4380, 5.7001,
-8.2771

■ 81.8020, 33.6216,
-50.6924

■ 147.0320, 1.4632,
-2.6591

■ 73.7950, 37.5691,
-56.8252

■ 155.0390, -2.4842,
3.4738

■ 69.3430, 39.7639,
-60.8138

■ 163.0460, -6.4317,
9.6067

■ 171.0530,
-10.3791, 15.7395

■ 179.0600,
-14.3266, 21.8724

■ 187.0670,
-18.2740, 28.0052

Harmonies

Analogous

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



111.1400, 14.2280, -36.9568



114.4170, 17.5424, -26.6757



118.4730, 16.0358, -10.0618

Triad

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



114.4170, 17.5424, -26.6757



120.7370, -4.3073, 28.2947



114.7850, -10.7400, -8.5814

Complementary

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



114.4170, 17.5424, -26.6757



119.5830, -17.5424, 26.6757

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.



117.2060, -15.8776, 5.9583



114.4170, 17.5424, -26.6757



119.8910, -11.2853, 26.4056

Square

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



114.4170, 17.5424, -26.6757



120.8700, 4.0081, 21.1620



118.6960, -15.6261, 18.6836



112.4610, -2.6923, -23.2063

Rectangle

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



114.4170, 17.5424, -26.6757



120.1540, 13.2351, 1.6189



118.6960, -15.6261, 18.6836



115.6500, -12.6454, -4.0780

Sweetspot

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



114.4170, 17.5424, -26.6757



180.0680, 6.8685, -9.7066



125.7060, -7.7431, -36.5762



88.6940, 4.0949, -6.7476



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



114.4170, 17.5424, -26.6757



138.5490, 27.3373, -41.7005



95.6330, 26.8029, -10.2021



70.1460, 1.9000, -2.7590



63.2790, 36.8375, -55.4957



4.6620, 2.6316, -4.0886

Inverse Universe

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



108.1800, 7.3063, 36.6761



128.7510, 11.4618, 57.2234



138.3670, -26.8029, 10.2021



69.5490, 0.7153, 3.9035



50.4960, 15.0385, 76.7410



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 114.4170, 17.5424, -26.6757 looks on a white background.

Color Contrast Check

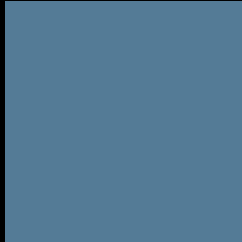
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 114.4170, 17.5424, -26.6757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

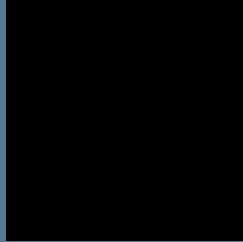
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.4170, 17.5424, -26.6757

Background



This preview shows how black text looks on a background with the YUV color 114.4170, 17.5424, -26.6757.



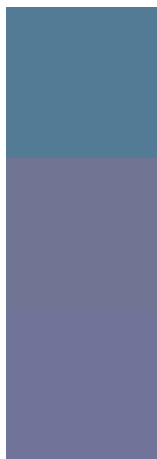
This preview shows how white text looks on a background with the YUV color 114.4170, 17.5424, -26.6757.

-26.6757.

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

114.4170, 17.5424, -26.6757

Protanopia

118.5120, 13.5516, -6.5880

Deuteranopia

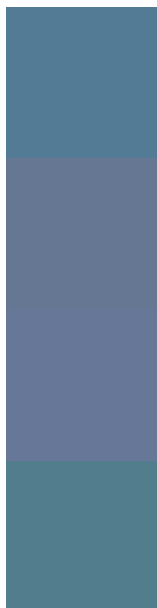
118.9080, 16.3144, -6.0583



Tritanopia

113.3860, 11.1487, -29.2795

Trichromacy



Original Color

114.4170, 17.5424, -26.6757

Protanomaly

116.8100, 14.8837, -13.8654

Deuteranomaly

117.5650, 16.4835, -13.6505

Tritanomaly

113.6680, 13.4747, -28.6498

Monochromacy



Original Color

114.4170, 17.5424, -26.6757

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9540, 6.4317, -9.6067

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.4170, 17.5424, -26.6757 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(84, 123, 150)` looks like.

```
.text, #text, p{  
    color:rgb(84, 123, 150)  
}
```

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(84, 123, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 123, 150) }
```

Border

The CSS property to change the border of an element to YUV 114.4170, 17.5424, -26.6757 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(84, 123, 150) }
```


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

```
.border{ border-color:rgb(84, 123, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 123, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 123, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 123, 150);  
box-shadow:4px 4px 4px 4px rgb(84, 123,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 114.4170, 17.5424, -26.6757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 123, 150) }
```

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

```
.background{ background-color: rgb(84, 123,  
150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor