

Converting Colors

YUV(87.6740, 14.4577,
-17.2541)

Have a look what the booklet for
YUV(87.6740, 14.4577, -17.2541)
contains.

YUV(87.6740, 14.4577, -17.2541)	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(87.6740, 14.4577,
-17.2541)**

Conversions

Conversions Part 1

Format	Color
Hex	445C75
RGB	68, 92, 117
RGB Percent	27%, 36%, 46%
CMY	0.7333, 0.6392, 0.5412
CMYK	0.42, 0.21, 0.00, 0.54
HSL	211°, 26%, 36%
HSV	211°, 42%, 46%
XYZ	9.4219, 10.1676, 18.2956
YIQ	87.6740, -22.3290, 2.6870

Conversions

Conversions Part 2

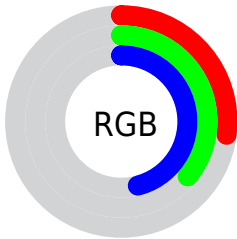
Format	Color
R_{YB}	68, 84, 117
Decimal	4480117
CIE _{Lab}	38.14, -1.96, -17.02
CIE _{LCh}	38, 17.129, 263.413
Yxy	10.1676, 0.2487, 0.2684
Android (android.graphics.Color)	4282670197 (0xFF445C75)
YUV	87.6740, 14.4577, -17.2541
Hunter-Lab	31.8867, -3.0581, -11.6981

Details

The YUV color **87.6740, 14.4577, -17.2541** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **97.3260, -14.4577, 17.2541**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9020, 15.3313, -17.4541**, and **40.5490, 14.0263, -18.8985** is the 20% darker color. If you saturate the color by 10%, you get **80.5640, 17.9629, -21.5426**, and if you desaturate by 10%, it is **94.7840, 10.9525, -12.9656**.

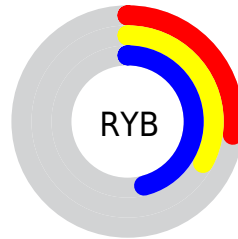
Distribution



Red (27%)

Green (36%)

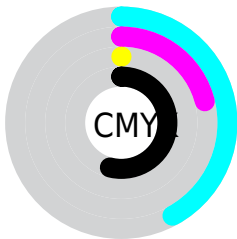
Blue (46%)



Red (27%)

Yellow (33%)

Blue (46%)

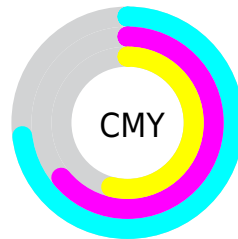


Cyan (42%)

Magenta (21%)

Yellow (0%)

Black (54%)



Cyan (73%)

Magenta (64%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.6740, 14.4577, -17.2541 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 87.6740, 14.4577, -17.2541 by changing the saturation by 10% instead.

■ 87.6740, 14.4577,
-17.2541

■ 87.6740, 14.4577,
-17.2541

■ 255.0000, 0.0000,
0.0000

■ 64.1470, 13.7315,
-17.6689

■ 137.9020, 15.3313,
-17.4541

■ 40.5490, 14.0263,
-18.8985

■ 164.6030, 15.4787,
-18.0688

■ 20.5060, 12.5685,
-17.9838

■ 191.7170, 15.9155,
-18.1688

■ 3.5510, 11.0674,
-3.1142

■ 219.8310, 16.3523,
-18.2688

■ 0.0000, 0.0000,
0.0000

■ 244.8670, 4.9956,
-15.6694

■ 87.6740, 14.4577,
-17.2541

■ 87.6740, 14.4577,
-17.2541

■ 80.5640, 17.9629,
-21.5426

■ 94.7840, 10.9525,
-12.9656

■ 73.7530, 21.3208,
-25.2164

■ 101.5950, 7.5947,
-9.2918

■ 66.6430, 24.8260,
-29.5049

■ 108.7050, 4.0894,
-5.0033

■ 59.5330, 28.3312,
-33.7934

■ 115.8150, 0.5842,
-0.7148

■ 52.7220, 31.6891,
-37.4672

■ 122.9250, -2.9210,
3.5738


■ 46.7970, 34.6101,
-41.0410

■ 129.7360, -6.2788,
7.2475

■ 136.8460, -9.7841,
11.5361

■ 143.9560,

-13.2893, 15.8246

 150.7670,
-16.6471, 19.4983

Harmonies

Analogous

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



84.6680, 13.4747, -28.6498



87.6740, 14.4577, -17.2541



90.4910, 12.0829, -2.1846

Triad

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



87.6740, 14.4577, -17.2541



91.2480, -6.0383, 23.4615



86.2020, -6.5086, -12.4552

Complementary

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



87.6740, 14.4577, -17.2541



97.3260, -14.4577, 17.2541

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.



87.6120, -11.6407, 0.3403



87.6740, 14.4577, -17.2541



90.2600, -10.9742, 19.9430

Square

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



87.6740, 14.4577, -17.2541



91.9470, 0.5191, 20.2175



89.5210, -13.5679, 11.8211



83.7860, 1.0915, -23.4913

Rectangle

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



87.6740, 14.4577, -17.2541



91.7480, 8.9982, 7.2370



89.5210, -13.5679, 11.8211



86.9530, -8.8508, -7.8518

Sweetspot

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



87.6740, 14.4577, -17.2541



141.1500, 5.8421, -7.1475



99.6130, -3.2602, -27.7246



69.0040, 3.9420, -4.3885



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



87.6740, 14.4577, -17.2541



107.3830, 22.4892, -26.6459



73.5860, 21.4031, -4.8989



55.4450, 1.7526, -2.1443



49.1280, 35.9259, -43.0853



100.1140, 73.8938, -87.8000

Inverse Universe

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



85.3870, 3.2602, 27.7246



103.9420, 4.9586, 43.0239



111.4140, -21.4031, 4.8989



55.1360, 0.4260, 3.3887



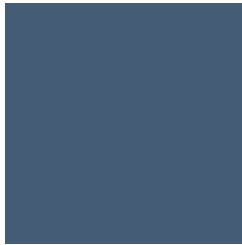
43.3180, 8.2242, 69.0041



88.6580, 16.4376, 141.4969

Previews

White Background



This preview shows how the YUV color 87.6740, 14.4577, -17.2541 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 87.6740, 14.4577, -17.2541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

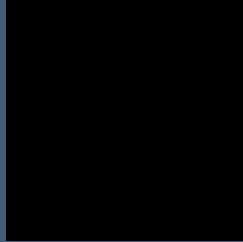
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

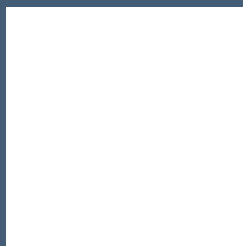
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 87.6740, 14.4577, -17.2541

Background



This preview shows how black text looks on a background with the YUV color 87.6740, 14.4577, -17.2541.



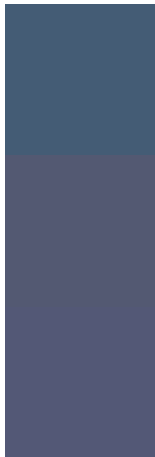
This preview shows how white text looks on a background with the YUV color 87.6740, 14.4577, -17.2541.

-17.2541.

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

87.6740, 14.4577, -17.2541

Protanopia

90.0560, 11.8044, -6.1881

Deuteranopia

89.9250, 13.8410, -6.0732



Tritanopia

86.5290, 7.6272, -19.7579

Trichromacy



Original Color

87.6740, 14.4577, -17.2541

Protanomaly

89.2620, 12.6888, -9.8768

Deuteranomaly

89.0170, 14.2886, -9.6619

Tritanomaly

86.8110, 9.9532, -19.1282

Monochromacy



Original Color

87.6740, 14.4577, -17.2541

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.7480, 5.5472, -5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.6740, 14.4577, -17.2541 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(68, 92, 117)` looks like.

```
.text, #text, p{  
    color:rgb(68, 92, 117)  
}
```

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(68, 92, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 92, 117) }
```

Border

The CSS property to change the border of an element to YUV 87.6740, 14.4577, -17.2541 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(68, 92, 117) }
```


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

```
.border{ border-color:rgb(68, 92, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 92, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 92, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 92, 117);  
box-shadow:4px 4px 4px 4px rgb(68, 92,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 87.6740, 14.4577, -17.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 92, 117) }
```

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

```
.background{ background-color: rgb(68, 92,  
117) }
```

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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