

Converting Colors

YUV(97.3290, 4.2748, -17.8285)

Have a look what the booklet for
YUV(97.3290, 4.2748, -17.8285)
contains.

YUV(97.3290, 4.2748, -17.8285)	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(97.3290, 4.2748,
-17.8285)**

Conversions

Conversions Part 1

Format	Color
Hex	4D6A6A
RGB	77, 106, 106
RGB Percent	30%, 42%, 42%
CMY	0.6980, 0.5843, 0.5843
CMYK	0.27, 0.00, 0.00, 0.58
HSL	180°, 16%, 36%
HSV	180°, 27%, 42%
XYZ	10.8161, 12.9265, 15.5607
YIQ	97.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

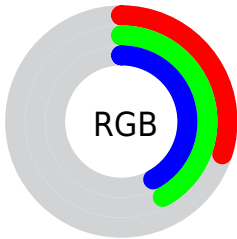
Format	Color
R_{YB}	77, 92, 106
Decimal	5073514
CIE _{Lab}	42.65, -10.51, -3.44
CIE _{LCh}	43, 11.063, 198.118
Yxy	12.9265, 0.2752, 0.3289
Android (android.graphics.Color)	4283263594 (0xFF4D6A6A)
YUV	97.3290, 4.2748, -17.8285
Hunter-Lab	35.9534, -9.2189, -0.4934

Details

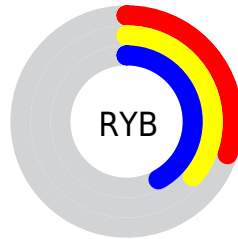
The YUV color **97.3290, 4.2748, -17.8285** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **85.6710, -4.2748, 17.8285**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.0300, 4.4222, -18.4433**, and **50.6280, 4.1274, -17.2138** is the 20% darker color. If you saturate the color by 10%, you get **94.0400, 5.8963, -24.5911**, and if you desaturate by 10%, it is **100.6180, 2.6533, -11.0660**.

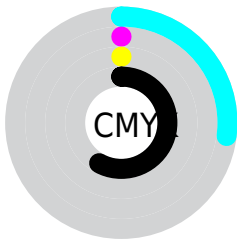
Distribution



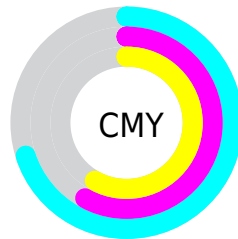
- Red (30%)
- Green (42%)
- Blue (42%)



- Red (30%)
- Yellow (36%)
- Blue (42%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (58%)



- Cyan (70%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.3290, 4.2748, -17.8285 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 97.3290, 4.2748, -17.8285 by changing the saturation by 10% instead.

■ 97.3290, 4.2748,
-17.8285

■ 97.3290, 4.2748,
-17.8285

■ 255.0000, 0.0000,
0.0000

■ 73.3290, 4.2748,
-17.8285

■ 148.0300, 4.4222,
-18.4433

■ 50.6280, 4.1274,
-17.2138

■ 174.7310, 4.5696,
-19.0581

■ 28.3290, 4.2748,
-17.8285

■ 202.4320, 4.7170,
-19.6729

■ 11.8030, 2.0691,
-10.3512

■ 230.4320, 4.7170,
-19.6729

■ 0.0000, 0.0000,
0.0000

■ 249.3190, 2.8007,
-11.6808

■ 97.3290, 4.2748,
-17.8285

■ 97.3290, 4.2748,
-17.8285

■ 94.0400, 5.8963,
-24.5911

■ 100.6180, 2.6533,
-11.0660

■ 91.0500, 7.3704,
-30.7388

■ 103.6080, 1.1793,
-4.9182

■ 87.7610, 8.9918,
-37.5014

■ 106.8970, -0.4422,
1.8443

■ 84.7710, 10.4659,
-43.6492

■ 109.8870, -1.9163,
7.9921

■ 81.4820, 12.0874,
-50.4117

■ 113.1760, -3.5378,
14.7546

■ 78.1930, 13.7089,
-57.1743

■ 116.4650, -5.1592,
21.5172

■ 75.2030, 15.1829,
-63.3220

■ 119.4550, -6.6333,
27.6650

■ 74.3060, 15.6251,

■ 122.7440, -8.2548,

-65.1664

34.4275

■ 125.7340, -9.7289,
40.5753

Harmonies

Analogous

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



97.7980, -0.3934, -13.8548



97.3290, 4.2748, -17.8285



97.9530, 7.9112, -17.4988

Triad

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



97.3290, 4.2748, -17.8285



102.4120, 5.2199, 5.7777



100.7640, -8.7577, 8.9770

Complementary

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



97.3290, 4.2748, -17.8285



85.6710, -4.2748, 17.8285

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.



101.5520, -7.1741, 14.4249



97.3290, 4.2748, -17.8285



102.7180, 1.1250, 12.5253

Square

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



97.3290, 4.2748, -17.8285



101.4540, 8.1572, -3.0292



102.4750, -3.6852, 15.3694



99.8340, -8.2992, 1.8996

Rectangle

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



97.3290, 4.2748, -17.8285



98.6160, 9.0633, -13.6952



102.4750, -3.6852, 15.3694



101.1880, -8.4737, 11.2361

Sweetspot

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



97.3290, 4.2748, -17.8285



134.7110, 1.6215, -6.7625



94.0230, -8.3923, -14.9292



66.9070, 1.0318, -4.3034



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



97.3290, 4.2748, -17.8285



124.2460, 6.7807, -28.2797



89.1110, 8.3263, -10.6213



52.2060, 0.8844, -3.6887



82.0170, 17.2466, -71.9289



171.7450, 36.1147, -150.6204

Inverse Universe

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



88.9770, 8.3923, 14.9292



110.9980, 13.3120, 23.6808



94.4760, -8.6157, 10.1065



50.4780, 1.7363, 3.0888



48.3210, 33.8587, 60.2315



101.1850, 70.9008, 126.1258

Previews

White Background



This preview shows how the YUV color 97.3290, 4.2748, -17.8285 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 97.3290, 4.2748, -17.8285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

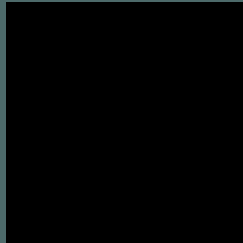
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.3290, 4.2748, -17.8285

Background



This preview shows how black text looks on a background with the YUV color 97.3290, 4.2748, -17.8285.



This preview shows how white text looks on a background with the YUV color 97.3290, 4.2748, -17.8285.

-17.8285.

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

97.3290, 4.2748, -17.8285

Protanopia

100.8260, 0.5788, 1.0296

Deuteranopia

101.8310, 3.0413, 4.5332



Tritanopia

98.1380, 7.3270, -16.7840

Trichromacy



Original Color

97.3290, 4.2748, -17.8285

Protanomaly

99.4230, 1.7635, -5.6330

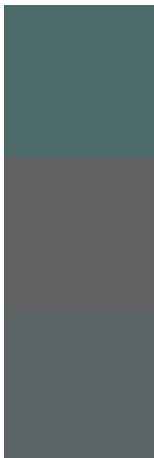
Deuteranomaly

100.1890, 3.3578, -3.6738

Tritanomaly

97.4970, 6.1640, -17.0989

Monochromacy



Original Color

97.3290, 4.2748, -17.8285

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.3290, 4.2748, -17.8285 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(77, 106, 106)` looks like.

```
.text, #text, p{  
    color:rgb(77, 106, 106)  
}
```

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(77, 106, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 106, 106) }
```

Border

The CSS property to change the border of an element to YUV 97.3290, 4.2748, -17.8285 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(77, 106, 106) }
```


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

```
.border{ border-color:rgb(77, 106, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 106, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 106, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 106, 106);  
box-shadow:4px 4px 4px 4px rgb(77, 106,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 97.3290, 4.2748, -17.8285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 106, 106) }
```

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

```
.background{ background-color: rgb(77, 106,  
106) }
```

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