

Converting Colors

YUV(99.4980, -5.6685, -48.6717)

Have a look what the booklet for
YUV(99.4980, -5.6685, -48.6717)
contains.

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Color

**YUV(99.4980, -5.6685,
-48.6717)**

Conversions

Conversions Part 1

Format	Color
Hex	2C8258
RGB	44, 130, 88
RGB Percent	17%, 51%, 35%
CMY	0.8275, 0.4902, 0.6549
CMYK	0.66, 0.00, 0.32, 0.49
HSL	151°, 49%, 34%
HSV	151°, 66%, 51%
XYZ	10.7828, 17.2053, 11.9852
YIQ	99.4980, -37.7740, -31.2940

Conversions

Conversions Part 2

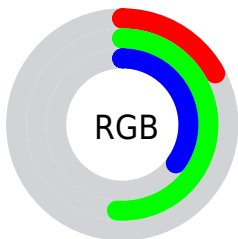
Format	Color
RYB	44, 101, 130
Decimal	2916952
CIELab	48.52, -36.05, 15.39
CIELCh	49, 39.193, 156.883
Yxy	17.2053, 0.2697, 0.4304
Android (android.graphics.Color)	4281107032 (0xFF2C8258)
YUV	99.4980, -5.6685, -48.6717
Hunter-Lab	41.4793, -26.1866, 11.9041

Details

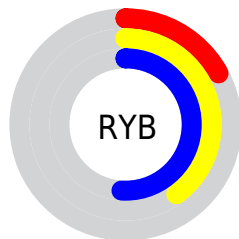
The YUV color **99.4980, -5.6685, -48.6717** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **74.5020, 5.6685, 48.6717**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.6400, -7.7105, -47.0423**, and **51.7480, -4.8058, -45.3830** is the 20% darker color. If you saturate the color by 10%, you get **94.9270, -6.3730, -56.0640**, and if you desaturate by 10%, it is **104.0690, -4.9640, -41.2795**.

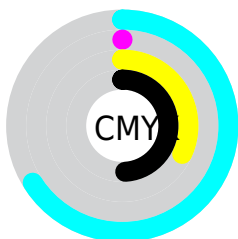
Distribution



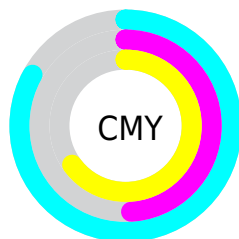
- Red (17%)
- Green (51%)
- Blue (35%)



- Red (17%)
- Yellow (40%)
- Blue (51%)



- Cyan (66%)
- Magenta (0%)
- Yellow (32%)
- Black (49%)



- Cyan (83%)
- Magenta (49%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.4980, -5.6685, -48.6717 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 99.4980, -5.6685, -48.6717 by changing the saturation by 10% instead.

■ 99.4980, -5.6685,
-48.6717

■ 99.4980, -5.6685,
-48.6717

■ 255.0000, 0.0000,
0.0000

■ 69.8390, -2.8786,
-56.8638

■ 153.6400, -7.7105,
-47.0423

■ 51.7480, -4.8058,
-45.3830

■ 181.1130, -8.4367,
-47.4571

■ 35.2660, -7.0331,
-30.9283

■ 209.1130, -8.4367,
-47.4571

■ 21.1320, -10.4181,
-18.5328

■ 229.4820, -4.6746,
-40.7647

■ 0.0000, 0.0000,
0.0000

■ 241.0460, 3.4283,
-26.3503

■ 250.8140, 2.0637,

-8.6069

■ 99.4980, -5.6685,
-48.6717

■ 99.4980, -5.6685,
-48.6717

■ 94.9270, -6.3730,
-56.0640

■ 104.0690, -4.9640,
-41.2795

■ 90.2420, -7.5143,
-63.3562

■ 108.7540, -3.8227,
-33.9873

■ 85.6710, -8.2188,
-70.7485

■ 113.3250, -3.1182,
-26.5950

■ 83.9480, -8.3554,
-73.6224

■ 117.8960, -2.4137,
-19.2028

■ 122.5810, -1.2724,
-11.9105

■ 127.1520, -0.5679,
-4.5183

■ 131.7230, 0.1366,
2.8739

■ 136.4080, 1.2779,
10.1662

■ 140.9790, 1.9824,
17.5584

Harmonies

Analogous

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



107.7230, -23.5274, -13.7891



99.4980, -5.6685, -48.6717



91.3920, 15.0897, -80.1508

Triad

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



99.4980, -5.6685, -48.6717



109.9550, 35.0252, -34.1635



115.0960, -18.7813, 50.7818

Complementary

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



99.4980, -5.6685, -48.6717



74.5020, 5.6685, 48.6717

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.



116.4180, -3.6571, 53.1304



99.4980, -5.6685, -48.6717



117.8850, 24.7067, 8.8709

Square

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



99.4980, -5.6685, -48.6717



94.0260, 40.4132, -82.4608



118.6300, 11.5214, 38.0355



113.5490, -29.3577, 36.3525

Rectangle

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



99.4980, -5.6685, -48.6717



93.9000, 24.6993, -82.3503



118.6300, 11.5214, 38.0355



115.3720, -13.9874, 53.1708

Sweetspot

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



99.4980, -5.6685, -48.6717



156.3090, -2.1243, -18.6880



107.3390, -31.2261, -17.8373



76.8800, -1.4198, -11.2958



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



99.4980, -5.6685, -48.6717



120.8230, -8.7867, -75.2668



104.2860, 12.6770, -52.8708



61.5650, -0.2785, -4.0035



82.5460, -8.6502, -72.3928



0.0000, 0.0000, 0.0000

Inverse Universe

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



74.5020, 5.6685, 48.6717



82.1770, 8.7867, 75.2668



69.7140, -12.6770, 52.8708



59.4350, 0.2785, 4.0035



45.3400, 8.2134, 72.4928



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 99.4980, -5.6685, -48.6717 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 99.4980, -5.6685, -48.6717 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 99.4980, -5.6685, -48.6717

Background



This preview shows how black text looks on a background with the YUV color 99.4980, -5.6685, -48.6717.



This preview shows how white text looks on a background with the YUV color 99.4980, -5.6685,

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

99.4980, -5.6685, -48.6717

Protanopia

112.9290, -15.7410, 8.8323

Deuteranopia

114.8250, -11.2527, 15.9395



Tritanopia

106.3030, 13.6546, -39.7307

Trichromacy



Original Color

99.4980, -5.6685, -48.6717

Protanomaly

108.1220, -11.8921, -12.3850

Deuteranomaly

109.2520, -8.9982, -7.2370

Tritanomaly

103.7450, 6.5347, -42.7494

Monochromacy



Original Color

99.4980, -5.6685, -48.6717

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0210, -1.9824, -17.5584

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4980, -5.6685, -48.6717 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, 130, 88)` looks like.

```
.text, #text, p{  
    color:rgb(44, 130, 88)  
}
```

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, 130, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 130, 88) }
```

Border

The CSS property to change the border of an element to YUV 99.4980, -5.6685, -48.6717 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, 130, 88) }
```


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

```
.border{ border-color:rgb(44, 130, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 130, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 130, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 130, 88);  
box-shadow:4px 4px 4px 4px rgb(44, 130,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 99.4980, -5.6685, -48.6717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 130, 88) }
```

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

```
.background{ background-color: rgb(44, 130,  
88) }
```

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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