

Converting Colors

YUV(105.1880, 14.6973,
-47.5229)

Have a look what the booklet for
YUV(105.1880, 14.6973, -47.5229)
contains.

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Color

**YUV(105.1880, 14.6973,
-47.5229)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 337F87 |
| RGB | 51, 127, 135 |
| RGB Percent | 20%, 50%, 53% |
| CMY | 0.8000, 0.5020, 0.4706 |
| CMYK | 0.62, 0.06, 0.00, 0.47 |
| HSL | 186°, 45%, 36% |
| HSV | 186°, 62%, 53% |
| XYZ | 13.3278, 17.6318, 25.6225 |
| YIQ | 105.1880, -47.8640, -13.6240 |

Conversions

Conversions Part 2

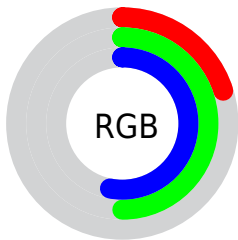
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 51, 91, 135 |
| Decimal | 3374983 |
| CIELab | 49.05, -20.61, -11.33 |
| CIELCh | 49, 23.518, 208.793 |
| Yxy | 17.6318, 0.2355, 0.3116 |
| Android (android.graphics.Color) | 4281565063 (0xFF337F87) |
| YUV | 105.1880, 14.6973, -47.5229 |
| Hunter-Lab | 41.9903, -16.8267, -6.7856 |




Details

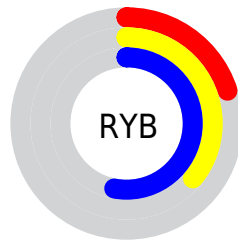
The YUV color **105.1880, 14.6973, -47.5229** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **80.8120, -14.6973, 47.5229**, and the grayscale version is **105.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **159.0850, 14.2551, -45.6785**, and **55.4760, 14.5553, -48.6525** is the 20% darker color. If you saturate the color by 10%, you get **100.4150, 17.0504, -55.6150**, and if you desaturate by 10%, it is **109.9610, 12.3442, -39.4308**.

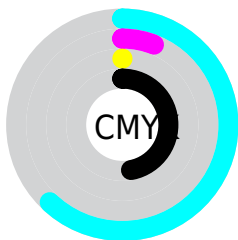
Distribution







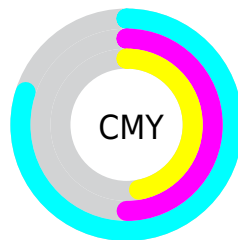
-  Red (20%)
-  Green (50%)
-  Blue (53%)






-  Red (20%)
-  Yellow (36%)
-  Blue (53%)



-  Cyan (62%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (80%)
-  Magenta (50%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.1880, 14.6973, -47.5229 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 105.1880, 14.6973, -47.5229 by changing the saturation by 10% instead.

■ 105.1880, 14.6973,
-47.5229

■ 105.1880, 14.6973,
-47.5229

■ 255.0000, 0.0000,
0.0000

■ 76.8990, 16.3188,
-54.2854

■ 159.0850, 14.2551,
-45.6785

■ 55.4760, 14.5553,
-48.6525

■ 187.0850, 14.2551,
-45.6785

■ 38.7660, 11.4544,
-33.9978

■ 215.0850, 14.2551,
-45.6785

■ 23.9310, 7.9220,
-20.9875

■ 235.8640, 9.4340,
-39.3457

■ 2.8670, 8.4466,
-2.5144

■ 244.5350, 5.1592,
-21.5172

■ 0.0000, 0.0000,
0.0000

■ 253.2060, 0.8844,

-3.6887

■ 105.1880, 14.6973,
-47.5229

■ 105.1880, 14.6973,
-47.5229

■ 100.4150, 17.0504,
-55.6150

■ 109.9610, 12.3442,
-39.4308

■ 95.3540, 19.5455,
-62.5775

■ 115.0220, 9.8492,
-32.4683

■ 90.5810, 21.8986,
-70.6695

■ 119.7950, 7.4961,
-24.3762

■ 87.0040, 23.6620,
-76.3025

■ 124.2690, 5.2904,
-16.8989

■ 129.0420, 2.9373,
-8.8068

■ 134.1030, 0.4422,
-1.8443

■ 138.8760, -1.9109,
6.2477

■ 143.3500, -4.1165,
13.7251

■ 148.4110, -6.6116,
20.6876

Harmonies

Analogous

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



107.0940, 3.8977, -36.9164



105.1880, 14.6973, -47.5229



108.1270, 20.6434, -41.3304

Triad

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



105.1880, 14.6973, -47.5229



119.4120, 8.6709, 18.9327



115.4520, -18.9568, 13.6356

Complementary

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



105.1880, 14.6973, -47.5229



80.8120, -14.6973, 47.5229

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.



116.8110, -16.6688, 26.4758



105.1880, 14.6973, -47.5229



119.3720, -0.6764, 30.3688

Square

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



105.1880, 14.6973, -47.5229



118.2400, 16.1507, -0.2105



118.2770, -9.9966, 33.0831



113.1510, -15.8504, -2.7634

Rectangle

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



105.1880, 14.6973, -47.5229



112.3180, 21.0422, -29.2199



118.2770, -9.9966, 33.0831



116.1860, -18.8257, 18.2539

Sweetspot

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



105.1880, 14.6973, -47.5229



164.3720, 5.7326, -18.7432



101.1060, -21.2513, -43.9430



81.8460, 3.5269, -11.2659



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



105.1880, 14.6973, -47.5229



128.9010, 23.2198, -74.4582



81.1210, 26.5623, -26.4161



64.2060, 0.8844, -3.6887



84.0860, 22.6356, -73.7434



1.5160, 0.7316, -1.3295

Inverse Universe

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



84.7800, 20.8145, 44.0429



97.0340, 32.5212, 69.2532



104.8790, -26.5623, 26.4161



62.4780, 1.7363, 3.0888



52.3220, 32.3793, 68.1236



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 105.1880, 14.6973, -47.5229 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 105.1880, 14.6973, -47.5229 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 105.1880, 14.6973, -47.5229

Background



This preview shows how black text looks on a background with the YUV color 105.1880, 14.6973, -47.5229.



This preview shows how white text looks on a background with the YUV color 105.1880, 14.6973, -47.5229.

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

105.1880, 14.6973, -47.5229

Protanopia

116.3680, 5.2416, -1.1997

Deuteranopia

116.7470, 10.4777, -0.6551



Tritanopia

105.7150, 15.4235, -47.1081

Trichromacy



Original Color

105.1880, 14.6973, -47.5229

Protanomaly

112.1810, 8.7848, -17.6987

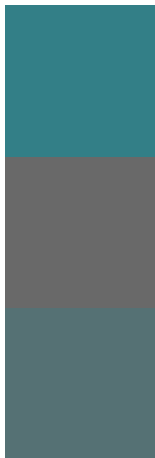
Deuteranomaly

112.3920, 12.1317, -17.8838

Tritanomaly

105.6010, 14.9867, -47.0081

Monochromacy



Original Color

105.1880, 14.6973, -47.5229

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9700, 5.4378, -17.5137

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.1880, 14.6973, -47.5229 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(51, 127, 135)` looks like.

```
.text, #text, p{  
    color:rgb(51, 127, 135)  
}
```

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(51, 127, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 127, 135) }
```

Border

The CSS property to change the border of an element to YUV 105.1880, 14.6973, -47.5229 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(51, 127, 135) }
```


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

```
.border{ border-color:rgb(51, 127, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 127, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 127, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 127, 135);  
box-shadow:4px 4px 4px 4px rgb(51, 127,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 105.1880, 14.6973, -47.5229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 127, 135) }
```

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

```
.background{ background-color: rgb(51, 127,  
135) }
```

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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