

Converting Colors

YUV(53.5300, 13.0497, 14.4442)

Have a look what the booklet for
YUV(53.5300, 13.0497, 14.4442)
contains.

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Color

**YUV(53.5300, 13.0497,
14.4442)**

Conversions

Conversions Part 1

Format	Color
Hex	462850
RGB	70, 40, 80
RGB Percent	27%, 16%, 31%
CMY	0.7255, 0.8431, 0.6863
CMYK	0.12, 0.50, 0.00, 0.69
HSL	285°, 33%, 24%
HSV	285°, 50%, 31%
XYZ	4.7325, 3.3989, 7.9960
YIQ	53.5300, 5.0400, 18.8000

Conversions

Conversions Part 2

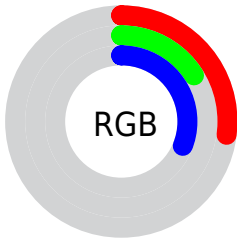
Format	Color
R_{YB}	70, 40, 80
Decimal	4597840
CIE _{Lab}	21.58, 21.98, -18.97
CIE _{LCh}	22, 29.035, 319.210
Yxy	3.3989, 0.2934, 0.2108
Android (android.graphics.Color)	4282787920 (0xFF462850)
YUV	53.5300, 13.0497, 14.4442
Hunter-Lab	18.4360, 13.5582, -12.8099

Details

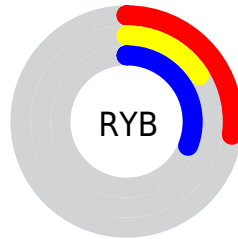
The YUV color **53.5300, 13.0497, 14.4442** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **66.4700, -13.0497, -14.4442**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.7690, 13.9179, 15.9886**, and **12.7750, 11.4499, 14.2293** is the 20% darker color. If you saturate the color by 10%, you get **48.2360, 15.6597, 17.3330**, and if you desaturate by 10%, it is **58.8240, 10.4398, 11.5554**.

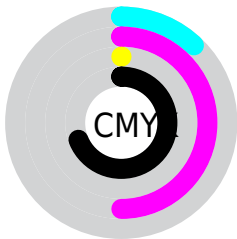
Distribution



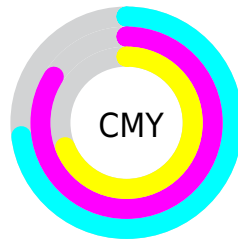
- Red (27%)
- Green (16%)
- Blue (31%)



- Red (27%)
- Yellow (16%)
- Blue (31%)



- Cyan (12%)
- Magenta (50%)
- Yellow (0%)
- Black (69%)



- Cyan (73%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.5300, 13.0497, 14.4442 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 53.5300, 13.0497, 14.4442 by changing the saturation by 10% instead.

■ 53.5300, 13.0497,
14.4442

■ 53.5300, 13.0497,
14.4442

■ 255.0000, 0.0000,
0.0000

■ 31.1170, 12.7603,
13.9294

■ 100.7690, 13.9179,
15.9886

■ 12.7750, 11.4499,
14.2293

■ 126.2960, 14.6441,
16.4034

■ 1.2540, 4.8048,
-1.0998

■ 152.0080, 14.7861,
17.5330

■ 0.0000, 0.0000,
0.0000

■ 179.4210, 15.0754,
18.0478

■ 206.9480, 15.8016,
18.4626

■ 233.2810, 10.7075,

19.0476

249.7170, 2.6045,
4.6332

53.5300, 13.0497,
14.4442

53.5300, 13.0497,
14.4442

48.2360, 15.6597,
17.3330

58.8240, 10.4398,
11.5554

42.9420, 18.2696,
20.2219

64.1180, 7.8298,
8.6665

37.6480, 20.8795,
23.1107

69.4120, 5.2199,
5.7777

32.3540, 23.4895,
25.9995

74.7060, 2.6099,
2.8888

27.0600, 26.0994,
28.8884

80.0000, 0.0000,
0.0000

■ 85.2940, -2.6099,
-2.8888

■ 90.5880, -5.2199,
-5.7777

■ 95.8820, -7.8298,
-8.6665

■ 101.1760,
-10.4398, -11.5554

Harmonies

Analogous

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



50.3140, 20.5512, -11.6764



53.5300, 13.0497, 14.4442



51.6370, 4.1230, 31.0134

Triad

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



53.5300, 13.0497, 14.4442



49.3770, -21.8779, 17.2094



43.8040, 10.4496, -38.4161

Complementary

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



53.5300, 13.0497, 14.4442



66.4700, -13.0497, -14.4442

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.



41.2960, 0.8401, -36.2166



53.5300, 13.0497, 14.4442



47.9190, -20.6661, 1.8250

Square

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



53.5300, 13.0497, 14.4442



50.2890, -14.9325, 29.5645



44.0180, -10.8549, -18.4328



44.7960, 19.3276, -39.2861

Rectangle

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



53.5300, 13.0497, 14.4442



50.6500, -2.2924, 35.3869



44.0180, -10.8549, -18.4328



43.0060, 7.3920, -37.7163

Sweetspot

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



53.5300, 13.0497, 14.4442



94.4120, 5.2199, 5.7777



50.4300, 14.5780, -9.1471



47.2330, 3.3361, 3.3037



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



53.5300, 13.0497, 14.4442



63.2350, 20.5901, 22.5959



55.3800, 7.2077, 21.5917



38.3530, 1.3050, 1.4444



35.2920, 34.3660, 37.4549



78.4740, 75.6883, 83.7763

Inverse Universe

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



53.1000, -1.5283, 23.5913



62.6610, -2.2979, 37.1313



64.6200, -7.2077, -21.5917



38.3100, -0.1528, 2.3591



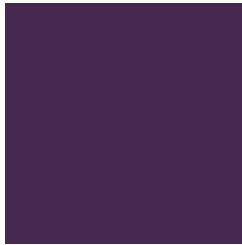
34.3590, -4.1210, 61.9522



75.9800, -8.8641, 136.8295

Previews

White Background



This preview shows how the YUV color 53.5300, 13.0497, 14.4442 looks on a white background.

Color Contrast Check

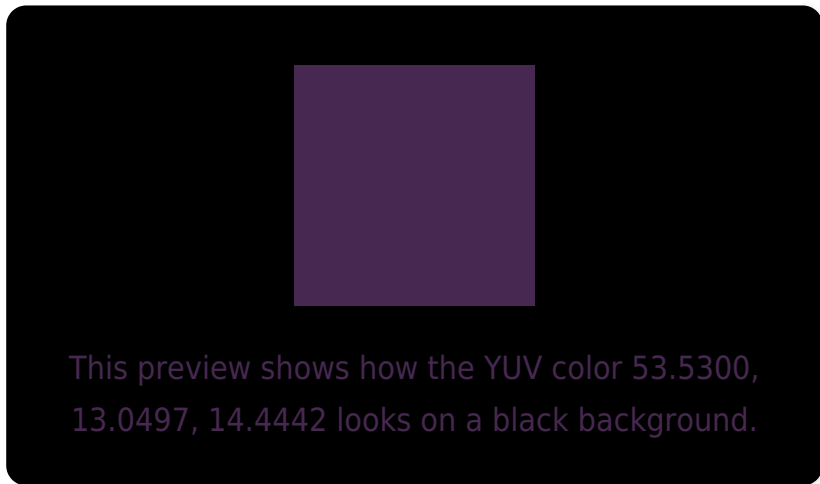
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

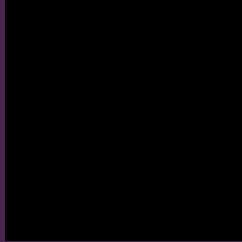
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.5300, 13.0497, 14.4442

Background



This preview shows how black text looks on a background with the YUV color 53.5300, 13.0497, 14.4442.



This preview shows how white text looks on a background with the YUV color 53.5300, 13.0497,

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

53.5300, 13.0497, 14.4442

Protanopia

50.6620, 19.3936, -13.7356

Deuteranopia

51.6750, 12.9782, -9.3620



Tritanopia

53.1370, -1.0535, 11.2809

Trichromacy



Original Color

53.5300, 13.0497, 14.4442

Protanomaly

51.7450, 16.8877, -3.2844

Deuteranomaly

52.7300, 12.9511, -0.6402

Tritanomaly

52.9290, 4.4720, 12.3403

Monochromacy



Original Color

53.5300, 13.0497, 14.4442

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8850, 4.4937, 5.3629

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.5300, 13.0497, 14.4442 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(70, 40, 80)` looks like.

```
.text, #text, p{  
    color:rgb(70, 40, 80)  
}
```

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(70, 40, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 40, 80) }
```

Border

The CSS property to change the border of an element to YUV 53.5300, 13.0497, 14.4442 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(70, 40, 80) }
```


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

```
.border{ border-color:rgb(70, 40, 80) }
```

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

Here you see how a box with a 4 pixel rgb(70, 40, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 40, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 40, 80);  
box-shadow:4px 4px 4px 4px rgb(70, 40, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.5300, 13.0497, 14.4442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 40, 80) }
```

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

```
.background{ background-color: rgb(70, 40,  
80) }
```

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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