

Converting Colors

YUV(53.6500, 14.4695, 25.7399)

Have a look what the booklet for
YUV(53.6500, 14.4695, 25.7399)
contains.

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Color

**YUV(53.6500, 14.4695,
25.7399)**

Conversions

Conversions Part 1

Format	Color
Hex	532153
RGB	83, 33, 83
RGB Percent	33%, 13%, 33%
CMY	0.6745, 0.8706, 0.6745
CMYK	0.00, 0.60, 0.00, 0.67
HSL	300°, 43%, 23%
HSV	300°, 60%, 33%
XYZ	5.6725, 3.5512, 8.5701
YIQ	53.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

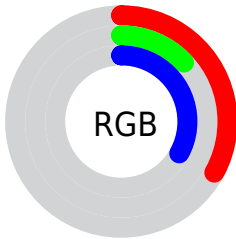
Format	Color
RYB	83, 33, 83
Decimal	5448019
CIELab	22.13, 31.05, -19.97
CIElCh	22, 36.917, 327.248
Yxy	3.5512, 0.3188, 0.1996
Android (android.graphics.Color)	4283638099 (0xFF532153)
YUV	53.6500, 14.4695, 25.7399
Hunter-Lab	18.8448, 20.7521, -13.7722

Details

The YUV color **53.6500, 14.4695, 25.7399** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **62.3500, -14.4695, -25.7399**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.7750, 14.9009, 27.3843**, and **15.6940, 10.9969, 19.5624** is the 20% darker color. If you saturate the color by 10%, you get **48.9540, 16.7847, 29.8583**, and if you desaturate by 10%, it is **58.3460, 12.1544, 21.6216**.

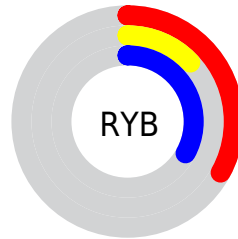
Distribution



Red (33%)

Green (13%)

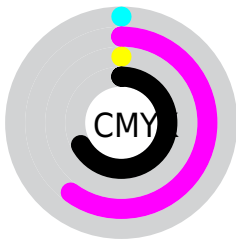
Blue (33%)



Red (33%)

Yellow (13%)

Blue (33%)

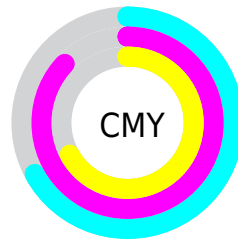


Cyan (0%)

Magenta (60%)

Yellow (0%)

Black (67%)



Cyan (67%)

Magenta (87%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.6500, 14.4695, 25.7399 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 53.6500, 14.4695, 25.7399 by changing the saturation by 10% instead.

■ 53.6500, 14.4695,
25.7399

■ 53.6500, 14.4695,
25.7399

■ 255.0000, 0.0000,
0.0000

■ 29.1770, 15.1957,
26.1548

■ 102.7750, 14.9009,
27.3843

■ 15.6940, 10.9969,
19.5624

■ 127.9000, 15.3323,
29.0287

■ 2.2970, 6.2626,
-2.0145

■ 154.3130, 15.6217,
29.5435

■ 0.0000, 0.0000,
0.0000

■ 182.0250, 15.7637,
30.6731

■ 209.4380, 16.0531,
31.1879

■ 230.3460, 12.1544,

21.6216

246.7820, 4.0515,
7.2072

53.6500, 14.4695,
25.7399

53.6500, 14.4695,
25.7399

48.9540, 16.7847,
29.8583

58.3460, 12.1544,
21.6216

43.6710, 19.3892,
34.4915

63.6290, 9.5499,
16.9884

38.9750, 21.7043,
38.6099

68.3250, 7.2348,
12.8700

34.2790, 24.0195,
42.7283

73.0210, 4.9196,
8.7516

77.7170, 2.6045,
4.6332

■ 83.0000, 0.0000,
0.0000

■ 87.6960, -2.3151,
-4.1184

■ 92.3920, -4.6303,
-8.2368

■ 97.6750, -7.2348,
-12.8700

Harmonies

Analogous

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



52.9710, 24.1713, -6.1136



53.6500, 14.4695, 25.7399



49.6000, 3.6482, 43.3238

Triad

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



53.6500, 14.4695, 25.7399



50.2690, -24.7826, 15.5501



46.9330, 14.8230, -41.1602

Complementary

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



53.6500, 14.4695, 25.7399



62.3500, -14.4695, -25.7399

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.



43.7410, 2.5927, -38.3609



53.6500, 14.4695, 25.7399



46.8920, -23.1178, -5.1673

Square

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



53.6500, 14.4695, 25.7399



49.4330, -23.3845, 33.8233



39.3750, -9.0589, -34.5319



48.2670, 25.0114, -42.3302

Rectangle

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



53.6500, 14.4695, 25.7399



48.6190, -5.2352, 45.9381



39.3750, -9.0589, -34.5319



45.9070, 10.8918, -40.2604

Sweetspot

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



53.6500, 14.4695, 25.7399



95.8470, 5.4984, 9.7812



38.7000, 21.8399, -4.9989



46.9560, 3.4727, 6.1776



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.



53.6500, 14.4695, 25.7399



61.8010, 22.2831, 39.6395



50.8000, 3.5496, 28.2394



38.6520, 1.1576, 2.0592



43.3650, 30.3861, 54.0539



95.8160, 67.1387, 119.4334

Inverse Universe

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



53.6500, 14.4695, 25.7399



61.8010, 22.2831, 39.6395



65.2000, -3.5496, -28.2394



38.6520, 1.1576, 2.0592



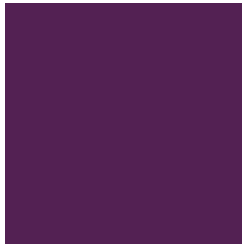
43.3650, 30.3861, 54.0539



95.8160, 67.1387, 119.4334

Previews

White Background



This preview shows how the YUV color 53.6500, 14.4695, 25.7399 looks on a white background.

Color Contrast Check

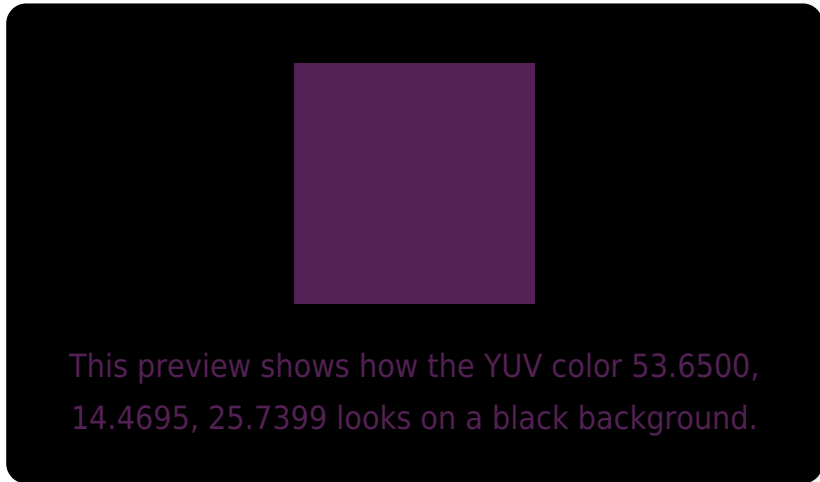
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.6500, 14.4695, 25.7399

Background



This preview shows how black text looks on a background with the YUV color 53.6500, 14.4695, 25.7399.



This preview shows how white text looks on a background with the YUV color 53.6500, 14.4695,

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

53.6500, 14.4695, 25.7399

Protanopia

50.4100, 24.9409, -19.6536

Deuteranopia

53.6750, 12.9782, -9.3620



Tritanopia

54.1060, -3.9963, 21.8320

Trichromacy



Original Color

53.6500, 14.4695, 25.7399

Protanomaly

51.4830, 20.9609, -3.0546

Deuteranomaly

53.5780, 13.5190, 3.8781

Tritanomaly

53.5390, 2.6923, 23.2063

Monochromacy



Original Color

53.6500, 14.4695, 25.7399

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8470, 5.4984, 9.7812

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.6500, 14.4695, 25.7399 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(83, 33, 83)` looks like.

```
.text, #text, p{  
    color:rgb(83, 33, 83)  
}
```

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(83, 33, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 33, 83) }
```

Border

The CSS property to change the border of an element to YUV 53.6500, 14.4695, 25.7399 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(83, 33, 83) }
```


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

```
.border{ border-color:rgb(83, 33, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 33, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 33, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 33, 83);  
box-shadow:4px 4px 4px 4px rgb(83, 33, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.6500, 14.4695, 25.7399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 33, 83) }
```

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

```
.background{ background-color: rgb(83, 33,  
83) }
```

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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