

Converting Colors

YUV(65.4500, 14.5681, 40.8243)

Have a look what the booklet for
YUV(65.4500, 14.5681, 40.8243)
contains.

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Color

**YUV(65.4500, 14.5681,
40.8243)**

Conversions

Conversions Part 1

Format	Color
Hex	70245F
RGB	112, 36, 95
RGB Percent	44%, 14%, 37%
CMY	0.5608, 0.8588, 0.6275
CMYK	0.00, 0.68, 0.15, 0.56
HSL	313°, 51%, 29%
HSV	313°, 68%, 44%
XYZ	9.3785, 5.5327, 11.4001
YIQ	65.4500, 26.3570, 34.4610

Conversions

Conversions Part 2

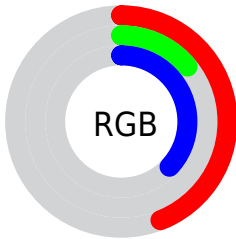
Format	Color
R_{YB}	112, 36, 95
Decimal	7349343
CIE _{Lab}	28.20, 40.52, -18.05
CIE _{LCh}	28, 44.364, 335.986
Yxy	5.5327, 0.3564, 0.2103
Android (android.graphics.Color)	4285539423 (0xFF70245F)
YUV	65.4500, 14.5681, 40.8243
Hunter-Lab	23.5217, 30.0080, -12.2704

Details

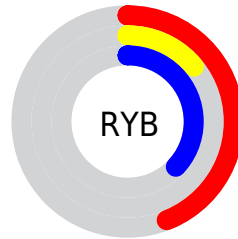
The YUV color **65.4500, 14.5681, 40.8243** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **82.5500, -14.5681, -40.8243**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.3470, 14.1259, 42.6687**, and **23.8250, 12.4113, 32.6025** is the 20% darker color. If you saturate the color by 10%, you get **58.6510, 16.4411, 46.7871**, and if you desaturate by 10%, it is **72.2490, 12.6952, 34.8616**.

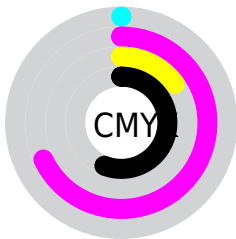
Distribution



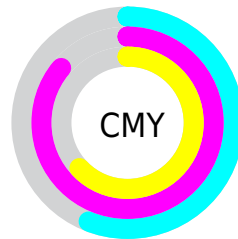
- Red (44%)
- Green (14%)
- Blue (37%)



- Red (44%)
- Yellow (14%)
- Blue (37%)



- Cyan (0%)
- Magenta (68%)
- Yellow (15%)
- Black (56%)



- Cyan (56%)
- Magenta (86%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.4500, 14.5681, 40.8243 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 65.4500, 14.5681, 40.8243 by changing the saturation by 10% instead.

65.4500, 14.5681,
40.8243

65.4500, 14.5681,
40.8243

255.0000, 0.0000,
0.0000

37.3300, 16.5993,
42.6836

117.3470, 14.1259,
42.6687

23.8250, 12.4113,
32.6025

143.9450, 13.8311,
43.8982

14.8530, 6.4815,
21.1769

171.0700, 14.2625,
45.5426

0.0000, 0.0000,
0.0000

198.7820, 14.4045,
46.6722

219.1930, 17.6529,
31.4027

235.6290, 9.5499,

16.9884

252.6520, 1.1576,
2.0592

65.4500, 14.5681,
40.8243

65.4500, 14.5681,
40.8243

58.6510, 16.4411,
46.7871

72.2490, 12.6952,
34.8616

51.9660, 18.7508,
52.6498

78.9340, 10.3855,
28.9989

44.5800, 20.9131,
59.1273

86.3200, 8.2232,
22.5214

43.4060, 21.4918,
60.1569

93.0050, 5.9135,
16.6586

99.8040, 4.0406,
10.6959

■ 106.4890, 1.7309,
4.8331

■ 113.2880, -0.1420,
-1.1296

■ 120.5600, -2.7411,
-7.5071

■ 127.3590, -4.6140,
-13.4698

Harmonies

Analogous

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



68.0310, 26.6067, 6.1118



65.4500, 14.5681, 40.8243



60.4770, 0.2578, 57.4637

Triad

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



65.4500, 14.5681, 40.8243



62.0530, -30.5921, 12.2315



59.6310, 22.8599, -52.2964

Complementary

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



65.4500, 14.5681, 40.8243



82.5500, -14.5681, -40.8243

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.



56.4560, 8.1562, -49.5119



65.4500, 14.5681, 40.8243



56.2730, -27.7426, -15.1484

Square

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



65.4500, 14.5681, 40.8243



62.4950, -30.8100, 35.5229



51.1780, -6.9898, -44.8831



59.9050, 34.0638, -52.5367

Rectangle

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



65.4500, 14.5681, 40.8243



60.6050, -10.6513, 56.4744



51.1780, -6.9898, -44.8831



59.0780, 18.2025, -51.8114

Sweetspot

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



65.4500, 14.5681, 40.8243



127.2930, 5.7716, 15.5290



49.4480, 30.8381, 2.2381



62.9780, 3.4618, 9.6663



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



65.4500, 14.5681, 40.8243



73.3570, 22.5020, 62.8309



61.2320, -1.5934, 44.5235



52.3640, 1.2995, 3.1888



46.4820, 22.9334, 64.4753



95.7410, 47.4557, 132.6541

Inverse Universe

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



65.4500, 14.5681, 40.8243



73.3570, 22.5020, 62.8309



86.7680, 1.5934, -44.5235



52.3640, 1.2995, 3.1888



46.4820, 22.9334, 64.4753



95.7410, 47.4557, 132.6541

Previews

White Background



This preview shows how the YUV color 65.4500, 14.5681, 40.8243 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 65.4500, 14.5681, 40.8243

Background



This preview shows how black text looks on a background with the YUV color 65.4500, 14.5681, 40.8243.



This preview shows how white text looks on a background with the YUV color 65.4500, 14.5681,

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

65.4500, 14.5681, 40.8243

Protanopia

65.2790, 26.9775, -19.5387

Deuteranopia

68.1270, 10.7834, -5.3734



Tritanopia

66.9830, -7.3866, 35.9719

Trichromacy



Original Color

65.4500, 14.5681, 40.8243

Protanomaly

65.2710, 22.5444, 2.3933

Deuteranomaly

67.2800, 12.1870, 11.1554

Tritanomaly

66.1710, 0.9017, 37.5610

Monochromacy



Original Color

65.4500, 14.5681, 40.8243

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8800, 5.4822, 15.0142

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.4500, 14.5681, 40.8243 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(112, 36, 95)` looks like.

```
.text, #text, p{  
    color:rgb(112, 36, 95)  
}
```

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(112, 36, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 36, 95) }
```

Border

The CSS property to change the border of an element to YUV 65.4500, 14.5681, 40.8243 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(112, 36, 95) }
```


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

```
.border{ border-color:rgb(112, 36, 95) }
```

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

Here you see how a box with a 4 pixel rgb(112, 36, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 36, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 36, 95);  
box-shadow:4px 4px 4px 4px rgb(112, 36,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 65.4500, 14.5681, 40.8243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 36, 95) }
```

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

```
.background{ background-color: rgb(112, 36,  
95) }
```

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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