

Converting Colors

YUV(109.4250, 15.5665, 0.5043)

Have a look what the booklet for
YUV(109.4250, 15.5665, 0.5043)
contains.

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Color

**YUV(109.4250, 15.5665,
0.5043)**

Conversions

Conversions Part 1

Format	Color
Hex	6E678D
RGB	110, 103, 141
RGB Percent	43%, 40%, 55%
CMY	0.5686, 0.5961, 0.4471
CMYK	0.22, 0.27, 0.00, 0.45
HSL	251°, 16%, 48%
HSV	251°, 27%, 55%
XYZ	16.0884, 14.9386, 27.2348
YIQ	109.4250, -8.0260, 13.3020

Conversions

Conversions Part 2

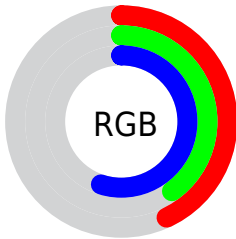
Format	Color
R_{YB}	110, 103, 141
Decimal	7235469
CIE _{Lab}	45.55, 11.28, -19.89
CIE _{LCh}	46, 22.870, 299.561
Yxy	14.9386, 0.2761, 0.2564
Android (android.graphics.Color)	4285425549 (0xFF6E678D)
YUV	109.4250, 15.5665, 0.5043
Hunter-Lab	38.6505, 6.6629, -14.7230

Details

The YUV color $109.4250, 15.5665, 0.5043$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $134.5750, -15.5665, -0.5043$, and the grayscale version is $109.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $161.0660, 16.7295, 0.8191$, and $61.4850, 14.5509, -0.4253$ is the 20% darker color. If you saturate the color by 10%, you get $97.6190, 21.3868, 0.3341$, and if you desaturate by 10%, it is $121.2310, 9.7461, 0.6744$.

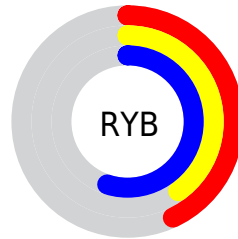
Distribution



Red (43%)

Green (40%)

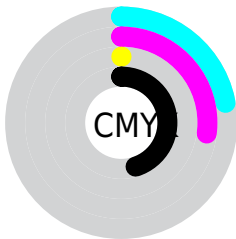
Blue (55%)



Red (43%)

Yellow (40%)

Blue (55%)

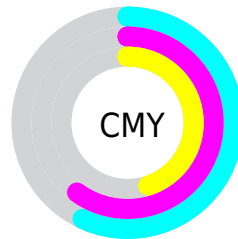


Cyan (22%)

Magenta (27%)

Yellow (0%)

Black (45%)



Cyan (57%)

Magenta (60%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.4250, 15.5665, 0.5043 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 109.4250, 15.5665, 0.5043 by changing the saturation by 10% instead.

■ 109.4250, 15.5665,
0.5043

■ 109.4250, 15.5665,
0.5043

■ 255.0000, 0.0000,
0.0000

■ 84.8980, 14.8403,
0.0895

■ 161.0660, 16.7295,
0.8191

■ 61.4850, 14.5509,
-0.4253

■ 188.1800, 17.1663,
0.7191

■ 39.8440, 13.3879,
-0.7402

■ 215.5930, 17.4557,
1.2339

■ 18.4310, 13.0985,
-1.2550

■ 241.7430, 6.5357,
3.7334

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 109.4250, 15.5665,
0.5043

■ 109.4250, 15.5665,
0.5043

■ 97.6190, 21.3868,
0.3341

■ 121.2310, 9.7461,
0.6744

■ 86.1120, 27.0598,
0.7788

■ 132.7380, 4.0732,
0.2298

■ 74.3060, 32.8801,
0.6086

■ 144.5440, -1.7472,
0.3999

■ 62.7990, 38.5531,
1.0533

■ 156.0510, -7.4201,
-0.0447

■ 50.4060, 44.6628,
1.3979

■ 167.8570,
-13.2405, 0.1254

■ 38.8990, 50.3358,
1.8426

■ 179.9510,
-19.2028, -0.8340

■ 27.0930, 56.1562,
1.6724


■ 191.7570,
-25.0232, -0.6639

■ 23.8480, 57.7559,

■ 203.2640,

1.8873

-30.6962, -1.1085

 215.0700,
-36.5165, -0.9384

Harmonies

Analogous

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



105.7320, 19.8521, -20.8130



109.4250, 15.5665, 0.5043



110.8850, 7.9447, 18.5179

Triad

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



109.4250, 15.5665, 0.5043



108.2130, -16.3740, 25.2462



98.5070, 4.1870, -36.4016

Complementary

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



109.4250, 15.5665, 0.5043



134.5750, -15.5665, -0.5043

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.



101.7450, -6.7763, -19.9474



109.4250, 15.5665, 0.5043



106.9680, -18.2252, 12.3061

Square

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



109.4250, 15.5665, 0.5043



109.3800, -9.5543, 31.2387



104.3790, -14.9768, -2.9634



96.7860, 14.4025, -46.2933

Rectangle

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



109.4250, 15.5665, 0.5043



110.4470, 2.2446, 26.7950



104.3790, -14.9768, -2.9634



99.8020, 0.0976, -31.3984

Sweetspot

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



109.4250, 15.5665, 0.5043



171.6070, 6.1097, 0.3447



125.5290, 7.6272, -19.7579



84.3250, 3.7838, -0.2850



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



109.4250, 15.5665, 0.5043



135.0150, 24.1496, 0.8638



115.1060, 12.7657, 12.1850



65.3960, 2.7628, 0.5297



22.8650, 55.2826, 1.8724



1.2110, 3.3470, -0.1850

Inverse Universe

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



117.8960, 7.9393, 20.2622



148.1130, 12.2693, 31.4729



128.8940, -12.7657, -12.1850



66.7770, 1.5889, 3.7036



52.9050, 28.1478, 71.9973



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 109.4250, 15.5665, 0.5043 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 109.4250, 15.5665, 0.5043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

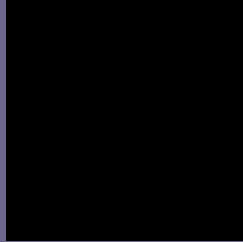
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.4250, 15.5665, 0.5043

Background



This preview shows how black text looks on a background with the YUV color 109.4250, 15.5665, 0.5043.



This preview shows how white text looks on a background with the YUV color 109.4250, 15.5665,

0.5043.

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

109.4250, 15.5665, 0.5043

Protanopia

108.2280, 17.6356, -9.8470

Deuteranopia

108.3810, 15.5882, -6.4731



Tritanopia

108.0150, 3.9366, -2.6442

Trichromacy



Original Color

109.4250, 15.5665, 0.5043

Protanomaly

109.0220, 16.7512, -6.1583

Deuteranomaly

108.6910, 15.4353, -4.1140

Tritanomaly

108.4650, 8.1518, -1.2848

Monochromacy



Original Color

109.4250, 15.5665, 0.5043

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1940, 5.8204, -0.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.4250, 15.5665, 0.5043 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(110, 103, 141)` looks like.

```
.text, #text, p{  
    color:rgb(110, 103, 141)  
}
```

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(110, 103, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 103, 141) }
```

Border

The CSS property to change the border of an element to YUV 109.4250, 15.5665, 0.5043 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(110, 103, 141) }
```


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

```
.border{ border-color:rgb(110, 103, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 103, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 103, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 103, 141);  
box-shadow:4px 4px 4px 4px rgb(110, 103,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 109.4250, 15.5665, 0.5043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 103, 141) }
```

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

```
.background{ background-color: rgb(110,  
103, 141) }
```

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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