

Converting Colors

YUV(114.4470, 25.9086,
43.4580)

Have a look what the booklet for
YUV(114.4470, 25.9086, 43.4580)
contains.

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Color

**YUV(114.4470, 25.9086,
43.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	A44FA7
RGB	164, 79, 167
RGB Percent	64%, 31%, 65%
CMY	0.3569, 0.6902, 0.3451
CMYK	0.02, 0.53, 0.00, 0.35
HSL	298°, 36%, 48%
HSV	298°, 53%, 65%
XYZ	25.0809, 16.2745, 38.3786
YIQ	114.4470, 22.4120, 45.3880

Conversions

Conversions Part 2

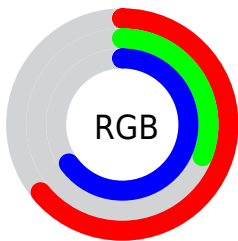
Format	Color
RYB	164, 79, 167
Decimal	10768295
CIELab	47.33, 47.72, -32.08
CIElCh	47, 57.502, 326.085
Yxy	16.2745, 0.3146, 0.2041
Android (android.graphics.Color)	4288958375 (0xFFA44FA7)
YUV	114.4470, 25.9086, 43.4580
Hunter-Lab	40.3417, 40.3776, -28.1657

Details

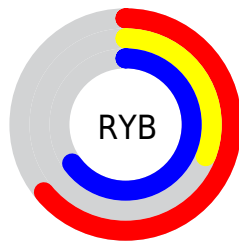
The YUV color **114.4470, 25.9086, 43.4580** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **131.5530, -25.9086, -43.4580**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8710, 26.1926, 45.7171**, and **60.6750, 26.7822, 43.2580** is the 20% darker color. If you saturate the color by 10%, you get **104.1690, 30.9757, 51.5948**, and if you desaturate by 10%, it is **124.7250, 20.8416, 35.3212**.

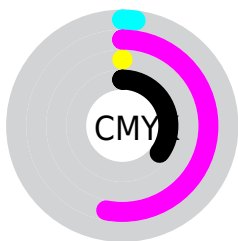
Distribution



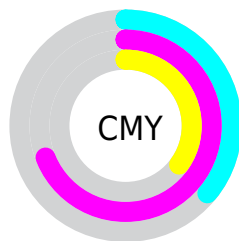
- Red (64%)
- Green (31%)
- Blue (65%)



- Red (64%)
- Yellow (31%)
- Blue (65%)



- Cyan (2%)
- Magenta (53%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (69%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.4470, 25.9086, 43.4580 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 114.4470, 25.9086, 43.4580 by changing the saturation by 10% instead.

■ 114.4470, 25.9086,
43.4580

■ 114.4470, 25.9086,
43.4580

■ 255.0000, 0.0000,
0.0000

■ 88.0340, 25.6192,
42.9432

■ 168.8710, 26.1926,
45.7171

■ 60.6750, 26.7822,
43.2580

■ 196.6970, 26.7714,
46.7467

■ 35.0770, 27.0770,
42.0285

■ 215.0840, 19.6786,
35.0063

■ 24.8660, 20.2791,
29.0585

■ 231.5200, 11.5756,
20.5920

■ 15.6660, 13.4757,
17.8329

■ 248.5430, 3.1833,
5.6628

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 114.4470, 25.9086,
43.4580

■ 114.4470, 25.9086,
43.4580

■ 104.1690, 30.9757,
51.5948

■ 124.7250, 20.8416,
35.3212

■ 94.7770, 35.6059,
59.8316

■ 134.1170, 16.2113,
27.0844

■ 84.4990, 40.6730,
67.9684

■ 144.3950, 11.1443,
18.9476

■ 74.5200, 45.5926,
76.7200

■ 154.3740, 6.2246,
10.1960

■ 67.1770, 49.2127,
82.2828

■ 164.6520, 1.1576,
2.0592

■ 174.0440, -3.4727,
-6.1776

■ 184.3220, -8.5397,
-14.3144

■ 194.6000,
-13.6068, -22.4512

■ 203.9920,
-18.2371, -30.6880

Harmonies

Analogous

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



111.9760, 43.3958, -12.2570



114.4470, 25.9086, 43.4580



108.1940, 6.3134, 75.2519

Triad

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



114.4470, 25.9086, 43.4580



105.2560, -51.8912, 30.4705



96.2140, 28.4885, -84.3797

Complementary

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



114.4470, 25.9086, 43.4580



131.5530, -25.9086, -43.4580

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.



90.5140, 6.6486, -79.3808



114.4470, 25.9086, 43.4580



99.9480, -48.2884, -5.2164

Square

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



114.4470, 25.9086, 43.4580



107.5860, -38.7429, 59.9991



82.8790, -13.7443, -71.8079



98.1980, 46.2444, -86.1196

Rectangle

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



114.4470, 25.9086, 43.4580



106.2150, -8.9800, 80.4954



82.8790, -13.7443, -71.8079



94.3900, 21.4997, -82.7800

Sweetspot

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



114.4470, 25.9086, 43.4580



196.1560, 10.2761, 17.4032



91.3800, 37.2807, -10.8573



97.3740, 6.2246, 10.1960



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



114.4470, 25.9086, 43.4580



135.0860, 40.3836, 67.4536



110.7840, 7.9945, 49.3014



79.3040, 2.3151, 4.1184



59.6290, 43.5669, 73.1164



8.2600, 5.7878, 10.2960

Inverse Universe

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



105.6540, -11.6614, 53.8004



121.5330, -18.0108, 83.7246



135.2160, -7.9945, -49.3014



78.3920, -1.1793, 4.9182



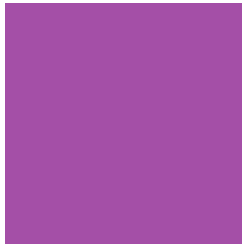
44.8220, -19.6322, 90.4871



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 114.4470, 25.9086, 43.4580 looks on a white background.

Color Contrast Check

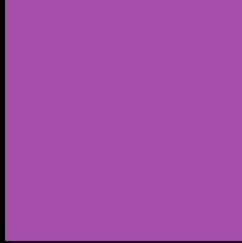
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.4470, 25.9086, 43.4580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

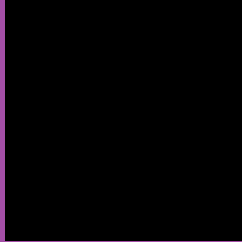
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 114.4470, 25.9086, 43.4580

Background



This preview shows how black text looks on a background with the YUV color 114.4470, 25.9086, 43.4580.



This preview shows how white text looks on a background with the YUV color 114.4470, 25.9086, 43.4580.

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

114.4470, 25.9086, 43.4580

Protanopia

109.4100, 41.7029, -29.3006

Deuteranopia

112.2040, 24.0564, -15.9649



Tritanopia

114.0370, -5.9342, 36.8016

Trichromacy



Original Color

114.4470, 25.9086, 43.4580



Protanomaly

111.3810, 35.8012, -2.9651



Deuteranomaly

112.8630, 24.7175, 5.3821



Tritanomaly

114.1480, 5.8430, 39.3352

Monochromacy



Original Color

114.4470, 25.9086, 43.4580



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.9170, 9.4079, 15.8588

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.4470, 25.9086, 43.4580 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(164, 79, 167)` looks like.

```
.text, #text, p{  
    color:rgb(164, 79, 167)  
}
```

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(164, 79, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 79, 167) }
```

Border

The CSS property to change the border of an element to YUV 114.4470, 25.9086, 43.4580 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(164, 79, 167) }
```


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

```
.border{ border-color:rgb(164, 79, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 79, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 79, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 79, 167);  
box-shadow:4px 4px 4px 4px rgb(164, 79,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 114.4470, 25.9086, 43.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 79, 167) }
```

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

```
.background{ background-color: rgb(164, 79,  
167) }
```

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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