

Converting Colors

YUV(114.5630, 56.9104,
39.8482)

Have a look what the booklet for
YUV(114.5630, 56.9104, 39.8482)
contains.

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Color

**YUV(114.5630, 56.9104,
39.8482)**

Conversions

Conversions Part 1

Format	Color
Hex	A045E6
RGB	160, 69, 230
RGB Percent	63%, 27%, 90%
CMY	0.3725, 0.7294, 0.0980
CMYK	0.30, 0.70, 0.00, 0.10
HSL	274°, 76%, 59%
HSV	274°, 70%, 90%
XYZ	30.9083, 17.4430, 76.6007
YIQ	114.5630, 2.5550, 69.3630

Conversions

Conversions Part 2

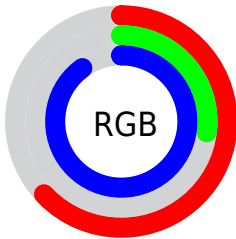
Format	Color
R _Y B	160, 69, 230
Decimal	10503654
CIE Lab	48.81, 64.47, -66.13
CIE LCh	49, 92.353, 314.270
Yxy	17.4430, 0.2474, 0.1396
Android (android.graphics.Color)	4288693734 (0xFFA045E6)
YUV	114.5630, 56.9104, 39.8482
Hunter-Lab	41.7648, 59.0114, -79.5082

Details

The YUV color **114.5630, 56.9104, 39.8482** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **184.4370, -56.9104, -39.8482**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.3390, 43.2169, 45.3067**, and **50.2200, 60.5305, 45.4111** is the 20% darker color. If you saturate the color by 10%, you get **98.0720, 65.0405, 45.5409**, and if you desaturate by 10%, it is **131.0540, 48.7804, 34.1556**.

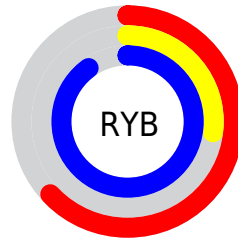
Distribution



Red (63%)

Green (27%)

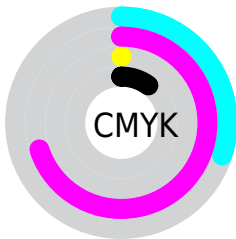
Blue (90%)



Red (63%)

Yellow (27%)

Blue (90%)

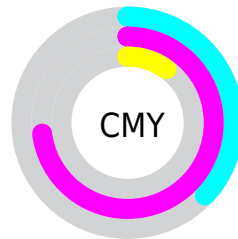


Cyan (30%)

Magenta (70%)

Yellow (0%)

Black (10%)



Cyan (37%)

Magenta (73%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.5630, 56.9104, 39.8482 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 114.5630, 56.9104, 39.8482 by changing the saturation by 10% instead.

■ 114.5630, 56.9104,
39.8482

■ 114.5630, 56.9104,
39.8482

■ 255.0000, 0.0000,
0.0000

■ 85.5630, 56.9104,
39.8482

■ 167.3390, 43.2169,
45.3067

■ 50.2200, 60.5305,
45.4111

■ 192.7450, 30.6917,
49.3356

■ 38.1720, 53.1592,
29.6672

■ 210.9750, 21.7043,
38.6099

■ 25.5260, 46.0827,
12.6937

■ 227.4110, 13.6014,
24.1956

■ 10.7160, 41.0590,
-9.3979

■ 245.0210, 4.9196,
8.7516

■ 7.8660, 30.1391,
-6.8985

■ 7.0050, 19.2245,

-6.1434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 114.5630, 56.9104,
39.8482

■ 114.5630, 56.9104,
39.8482

■ 98.0720, 65.0405,
45.5409

■ 131.0540, 48.7804,
34.1556

■ 81.5810, 73.1706,
51.2335

■ 147.5450, 40.6503,
28.4630

■ 65.0900, 81.3006,
56.9261

■ 164.0360, 32.5203,
22.7704

■ 180.5270, 24.3902,
17.0778

197.0180, 16.2601,
11.3852

213.5090, 8.1301,
5.6926

230.0000, 0.0000,
0.0000

246.4910, -8.1301,
-5.6926

250.6550,
-10.1829, -0.5744

Harmonies

Analogous

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



96.5750, 78.1035, -84.6963



114.5630, 56.9104, 39.8482



87.0100, 35.9841, 125.4022

Triad

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



114.5630, 56.9104, 39.8482



109.2640, -53.8672, 57.6505



103.7310, 24.2896, -90.9721

Complementary

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



114.5630, 56.9104, 39.8482



184.4370, -56.9104, -39.8482

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.



92.5080, -11.0964, -81.1295



114.5630, 56.9104, 39.8482



104.7810, -51.6570, 1.9461

Square

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



114.5630, 56.9104, 39.8482



91.9180, -45.3156, 114.9589



81.0060, -39.9360, -71.0423



111.3520, 56.0285, -97.6557

Rectangle

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



114.5630, 56.9104, 39.8482



85.6810, 11.4963, 139.7228



81.0060, -39.9360, -71.0423



100.0660, 12.7855, -87.7579

Sweetspot

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



114.5630, 56.9104, 39.8482



216.4250, 19.0175, 13.6593



129.6180, 49.4883, -53.1620



105.0300, 11.3242, 7.8667



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



114.5630, 56.9104, 39.8482



101.5750, 75.6385, 52.9927



134.5810, 43.0976, 83.6825



106.4610, 4.2097, 3.1037



50.6050, 63.2987, 44.1964



14.4850, 18.0019, 12.7297

Inverse Universe

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



125.1190, 6.8433, 91.9806



115.5880, 9.0771, 122.2643



164.4190, -43.0976, -83.6825



107.1580, 0.4151, 6.8774



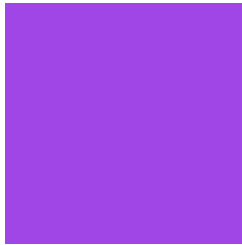
62.4130, 7.6844, 102.2468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 114.5630, 56.9104, 39.8482 looks on a white background.

Color Contrast Check

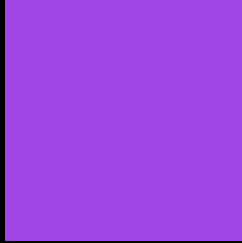
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.5630, 56.9104, 39.8482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

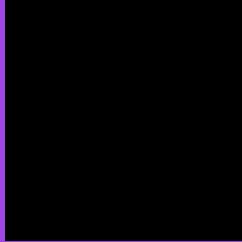
Any Text WCAG AA × Fail

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 114.5630, 56.9104, 39.8482 Background



This preview shows how black text looks on a background with the YUV color 114.5630, 56.9104, 39.8482.



This preview shows how white text looks on a background with the YUV color 114.5630, 56.9104,

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

114.5630, 56.9104, 39.8482

Deuteranopia

93.5650, 56.4165, -82.0565

Tritanopia

117.4800, -1.2226, 18.8730

Trichromacy



Original Color

114.5630, 56.9104, 39.8482



Deuteranomaly

101.2530, 56.5703, -37.9329



Tritanomaly

116.4420, 19.9951, 26.7994

Monochromacy



Original Color

114.5630, 56.9104, 39.8482



Achromatopsia

115.0000, 0.0000, 0.0000



Achromatomaly

114.5930, 20.9067, 14.3889

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.5630, 56.9104, 39.8482 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(160, 69, 230)` looks like.

```
.text, #text, p{  
    color:rgb(160, 69, 230)  
}
```

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(160, 69, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 69, 230) }
```

Border

The CSS property to change the border of an element to YUV 114.5630, 56.9104, 39.8482 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(160, 69, 230) }
```

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

```
.border{ border-color:rgb(160, 69, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 69, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 69, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 69, 230); box-shadow:4px 4px 4px 4px rgb(160, 69, 230) }
```


Background

The CSS property to change the background color of an element to YUV 114.5630, 56.9104, 39.8482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 69, 230) }
```

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

```
.background{ background-color: rgb(160, 69,  
230) }
```

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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