

Converting Colors

YUV(114.7290, 41.5456,
21.2857)

Have a look what the booklet for
YUV(114.7290, 41.5456, 21.2857)
contains.

YUV(114.7290, 41.5456, 21.2857)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(114.7290, 41.5456,
21.2857)**

Conversions

Conversions Part 1

Format	Color
Hex	8B56C7
RGB	139, 86, 199
RGB Percent	55%, 34%, 78%
CMY	0.4549, 0.6627, 0.2196
CMYK	0.30, 0.57, 0.00, 0.22
HSL	268°, 50%, 56%
HSV	268°, 57%, 78%
XYZ	24.2841, 16.2681, 55.8930
YIQ	114.7290, -4.6850, 46.3790

Conversions

Conversions Part 2

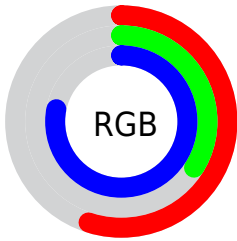
Format	Color
R _Y B	139, 86, 199
Decimal	9131719
CIE Lab	47.32, 44.32, -50.96
CIE LCh	47, 67.537, 311.016
Yxy	16.2681, 0.2518, 0.1687
Android (android.graphics.Color)	4287321799 (0xFF8B56C7)
YUV	114.7290, 41.5456, 21.2857
Hunter-Lab	40.3337, 36.8871, -53.9284

Details

The YUV color **114.7290, 41.5456, 21.2857** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **170.2710, -41.5456, -21.2857**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3810, 42.7032, 23.3449**, and **62.6640, 40.0986, 18.7117** is the 20% darker color. If you saturate the color by 10%, you get **99.7000, 48.9549, 24.8191**, and if you desaturate by 10%, it is **129.7580, 34.1363, 17.7522**.

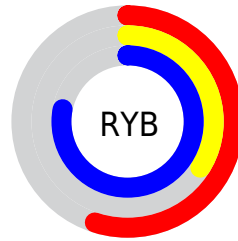
Distribution



Red (55%)

Green (34%)

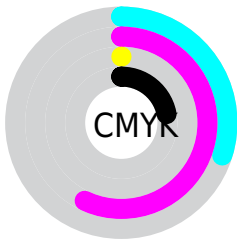
Blue (78%)



Red (55%)

Yellow (34%)

Blue (78%)

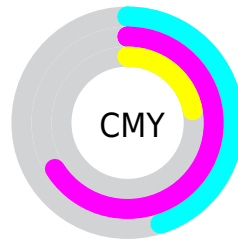


Cyan (30%)

Magenta (57%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (66%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.7290, 41.5456, 21.2857 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 114.7290, 41.5456, 21.2857 by changing the saturation by 10% instead.

■ 114.7290, 41.5456,
21.2857

■ 114.7290, 41.5456,
21.2857

■ 255.0000, 0.0000,
0.0000

■ 88.4900, 40.6774,
19.7413

■ 168.3810, 42.7032,
23.3449

■ 62.6640, 40.0986,
18.7117

■ 192.9010, 30.6148,
27.2738

■ 35.7780, 40.5354,
18.6117

■ 217.7200, 18.3790,
31.8176

■ 18.6750, 36.6422,
7.3010

■ 234.4550, 10.1287,
18.0180

■ 7.7520, 29.7023,
-6.7985

■ 251.4780, 1.7363,
3.0888

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 114.7290, 41.5456,
21.2857

■ 114.7290, 41.5456,
21.2857

■ 99.7000, 48.9549,
24.8191

■ 129.7580, 34.1363,
17.7522

■ 84.9700, 56.2168,
28.9673

■ 144.4880, 26.8744,
13.6040

■ 69.9410, 63.6261,
32.5007

■ 159.5170, 19.4651,
10.0706

■ 55.2110, 70.8880,
36.6490

■ 174.2470, 12.2032,
5.9224

■ 50.4930, 73.2140,
37.2786

■ 189.2760, 4.7939,
2.3889

■ 203.4190, -2.1786,
-1.2445

■ 218.4480, -9.5879,
-4.7779

■ 233.4770,
-16.9972, -8.3113

■ 242.3370,
-21.3651, -7.3115

Harmonies

Analogous

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



91.9810, 65.5784, -80.6673



114.7290, 41.5456, 21.2857



106.9180, 21.7324, 76.3709

Triad

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



114.7290, 41.5456, 21.2857



105.6870, -52.1037, 52.0175



95.4670, 18.0108, -83.7246

Complementary

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



114.7290, 41.5456, 21.2857



170.2710, -41.5456, -21.2857

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.



87.5670, -7.1815, -76.7963



114.7290, 41.5456, 21.2857



103.0750, -50.8160, 12.2122

Square

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



114.7290, 41.5456, 21.2857



103.2760, -31.6881, 83.9499



90.4880, -44.1176, -36.3850



101.0360, 41.8873, -88.6086

Rectangle

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



114.7290, 41.5456, 21.2857



98.8530, 6.9745, 96.5989



90.4880, -44.1176, -36.3850



93.3010, 9.7116, -81.8250

Sweetspot

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



114.7290, 41.5456, 21.2857



222.8820, 15.8342, 7.9965



134.1020, 31.9947, -42.1855



108.5520, 9.5879, 4.7779



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.



114.7290, 41.5456, 21.2857



125.9410, 63.6261, 32.5007



131.4730, 33.2908, 55.7132



92.2220, 3.3416, 1.5593



41.6050, 59.8477, 31.0414



9.1870, 13.2188, 6.8520

Inverse Universe

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



126.6270, 9.5509, 63.4711



144.2150, 14.6840, 97.1584



153.5270, -33.2908, -55.7132



93.2610, 0.8573, 5.0331



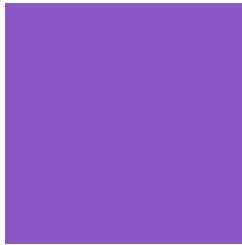
58.6550, 13.9741, 91.5106



12.9300, 2.9925, 20.2324

Previews

White Background



This preview shows how the YUV color 114.7290, 41.5456, 21.2857 looks on a white background.

Color Contrast Check

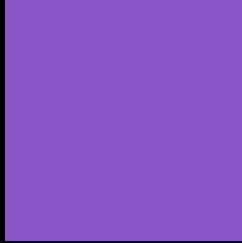
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.7290, 41.5456, 21.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

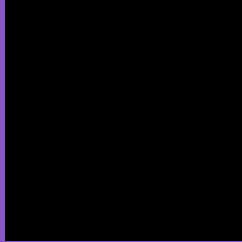
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YUV 114.7290, 41.5456, 21.2857

Background



This preview shows how black text looks on a background with the YUV color 114.7290, 41.5456, 21.2857.



This preview shows how white text looks on a background with the YUV color 114.7290, 41.5456, 21.2857.

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

114.7290, 41.5456, 21.2857

Protanopia

101.2510, 59.5293, -53.7171

Deuteranopia

104.1690, 43.7937, -46.6292



Tritanopia

113.6960, 1.1359, 9.0366

Trichromacy



Original Color

114.7290, 41.5456, 21.2857

Protanomaly

106.4070, 53.0433, -26.6669

Deuteranomaly

108.0950, 42.8442, -22.0083

Tritanomaly

113.9150, 15.8179, 13.2295

Monochromacy



Original Color

114.7290, 41.5456, 21.2857

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.7680, 15.3974, 8.0965

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.7290, 41.5456, 21.2857 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(139, 86, 199)` looks like.

```
.text, #text, p{  
    color:rgb(139, 86, 199)  
}
```

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(139, 86, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 86, 199) }
```

Border

The CSS property to change the border of an element to YUV 114.7290, 41.5456, 21.2857 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(139, 86, 199) }
```


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

```
.border{ border-color:rgb(139, 86, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 86, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 86, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 86, 199);  
box-shadow:4px 4px 4px 4px rgb(139, 86,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 114.7290, 41.5456, 21.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 86, 199) }
```

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

```
.background{ background-color: rgb(139, 86,  
199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor