

Converting Colors

YUV(89.8940, 34.5623, 21.1410)

Have a look what the booklet for
YUV(89.8940, 34.5623, 21.1410)
contains.

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Color

**YUV(89.8940, 34.5623,
21.1410)**

Conversions

Conversions Part 1

Format	Color
Hex	7240A0
RGB	114, 64, 160
RGB Percent	45%, 25%, 63%
CMY	0.5529, 0.7490, 0.3725
CMYK	0.29, 0.60, 0.00, 0.37
HSL	271°, 43%, 44%
HSV	271°, 60%, 63%
XYZ	15.1180, 9.7823, 34.3491
YIQ	89.8940, -1.0160, 40.4560

Conversions

Conversions Part 2

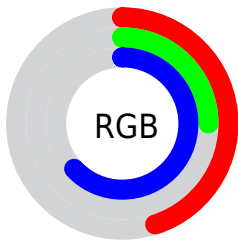
Format	Color
R_{YB}	114, 64, 160
Decimal	7487648
CIE _{Lab}	37.45, 40.53, -44.00
CIE _{LCh}	37, 59.816, 312.649
Yxy	9.7823, 0.2552, 0.1651
Android (android.graphics.Color)	4285677728 (0xFF7240A0)
YUV	89.8940, 34.5623, 21.1410
Hunter-Lab	31.2766, 31.5464, -43.2207

Details

The YUV color **89.8940, 34.5623, 21.1410** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **134.1060, -34.5623, -21.1410**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.9590, 36.0092, 23.7150**, and **38.7690, 34.1309, 19.4966** is the 20% darker color. If you saturate the color by 10%, you get **78.1100, 40.3718, 24.4595**, and if you desaturate by 10%, it is **101.6780, 28.7527, 17.8224**.

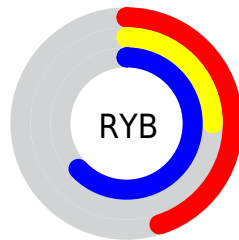
Distribution



Red (45%)

Green (25%)

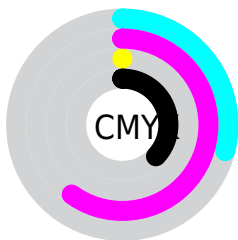
Blue (63%)



Red (45%)

Yellow (25%)

Blue (63%)

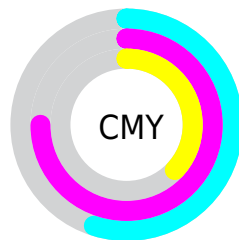


Cyan (29%)

Magenta (60%)

Yellow (0%)

Black (37%)



Cyan (55%)

Magenta (75%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8940, 34.5623, 21.1410 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 89.8940, 34.5623, 21.1410 by changing the saturation by 10% instead.

89.8940, 34.5623,
21.1410

89.8940, 34.5623,
21.1410

255.0000, 0.0000,
0.0000

64.6550, 33.6941,
19.5966

141.9590, 36.0092,
23.7150

38.7690, 34.1309,
19.4966

168.8990, 37.0248,
24.6446

19.9270, 31.0950,
13.2190

194.6730, 29.7412,
27.4738

9.4170, 24.4444,
-0.3657

219.7800, 17.3635,
30.8879

5.2780, 15.1459,
-4.6288

236.2160, 9.2605,
16.4736

1.3680, 5.2416,
-1.1997

253.2390, 0.8682,

0.0000, 0.0000,

1.5444

0.0000

■ 89.8940, 34.5623,
21.1410

■ 89.8940, 34.5623,
21.1410

■ 78.1100, 40.3718,
24.4595

■ 101.6780, 28.7527,
17.8224

■ 66.6250, 46.0339,
28.3929

■ 113.1630, 23.0906,
13.8890

■ 54.8410, 51.8434,
31.7114

■ 124.9470, 17.2811,
10.5705

■ 43.0570, 57.6529,
35.0300

■ 136.7310, 11.4716,
7.2519

■ 148.2160, 5.8095,
3.3186

■ 160.0000, 0.0000,
0.0000

■ 171.7840, -5.8095,
-3.3186

■ 183.2690,
-11.4716, -7.2519

■ 195.0530,
-17.2811, -10.5705

Harmonies

Analogous

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



72.0450, 55.1938, -63.1835



89.8940, 34.5623, 21.1410



80.9510, 18.2652, 68.4490

Triad

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



89.8940, 34.5623, 21.1410



82.8950, -40.8672, 41.3111



76.2950, 15.6306, -66.9107

Complementary

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



89.8940, 34.5623, 21.1410



134.1060, -34.5623, -21.1410

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.



69.3070, -6.0674, -60.7822



89.8940, 34.5623, 21.1410



80.6150, -39.7432, 7.3536

Square

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



89.8940, 34.5623, 21.1410



79.8120, -28.0083, 70.3249



67.9470, -33.4979, -35.9105



80.8380, 35.5759, -70.8949

Rectangle

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



89.8940, 34.5623, 21.1410



72.9610, 6.4282, 85.1032



67.9470, -33.4979, -35.9105



74.3570, 8.2050, -65.2111

Sweetspot

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



89.8940, 34.5623, 21.1410



181.3120, 13.6502, 8.4964



101.9460, 28.6206, -33.2786



88.2100, 8.2775, 5.0778



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



89.8940, 34.5623, 21.1410



99.4220, 54.0220, 32.9559



103.4200, 26.9079, 49.6207



73.1080, 2.9048, 1.6593



38.4280, 51.5540, 31.1966



4.1020, 5.3727, 3.4185

Inverse Universe

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



97.9480, 5.9416, 54.4196



112.0580, 9.3384, 85.0181



120.5800, -26.9079, -49.6207



73.8480, 0.5679, 4.5183



50.5090, 8.6231, 81.1146



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 89.8940, 34.5623, 21.1410 looks on a white background.

Color Contrast Check

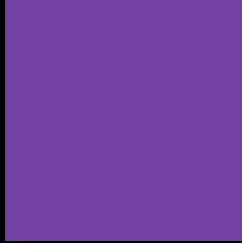
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 89.8940, 34.5623, 21.1410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

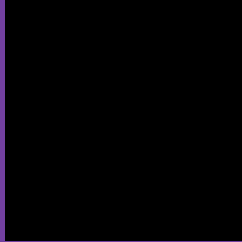
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8940, 34.5623, 21.1410

Background



This preview shows how black text looks on a background with the YUV color 89.8940, 34.5623, 21.1410.



This preview shows how white text looks on a background with the YUV color 89.8940, 34.5623,

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

89.8940, 34.5623, 21.1410

Protanopia

70.6430, 54.8990, -61.9539

Deuteranopia

80.3670, 36.7941, -41.5409



Tritanopia

89.7670, 0.1149, 9.8513

Trichromacy



Original Color

89.8940, 34.5623, 21.1410

Protanomaly

77.2940, 47.6761, -31.8298

Deuteranomaly

83.9830, 35.9974, -19.2791

Tritanomaly

90.0030, 12.3235, 14.0294

Monochromacy



Original Color

89.8940, 34.5623, 21.1410

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2580, 12.1978, 7.6667

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8940, 34.5623, 21.1410 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(114, 64, 160)` looks like.

```
.text, #text, p{  
    color:rgb(114, 64, 160)  
}
```

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(114, 64, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 64, 160) }
```

Border

The CSS property to change the border of an element to YUV 89.8940, 34.5623, 21.1410 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(114, 64, 160) }
```


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

```
.border{ border-color:rgb(114, 64, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 64, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 64, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 64, 160);  
box-shadow:4px 4px 4px 4px rgb(114, 64,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 89.8940, 34.5623, 21.1410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 64, 160) }
```

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

```
.background{ background-color: rgb(114, 64,  
160) }
```

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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