

Converting Colors

YUV(91.0080, 34.9991, 21.0410)

Have a look what the booklet for
YUV(91.0080, 34.9991, 21.0410)
contains.

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Color

**YUV(91.0080, 34.9991,
21.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	7341A2
RGB	115, 65, 162
RGB Percent	45%, 25%, 64%
CMY	0.5490, 0.7451, 0.3647
CMYK	0.29, 0.60, 0.00, 0.36
HSL	271°, 43%, 45%
HSV	271°, 60%, 64%
XYZ	15.4821, 10.0341, 35.3032
YIQ	91.0080, -1.3370, 40.7670

Conversions

Conversions Part 2

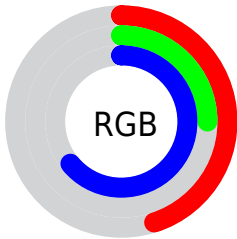
Format	Color
R _{YB}	115, 65, 162
Decimal	7553442
CIE Lab	37.90, 40.72, -44.46
CIE LCh	38, 60.292, 312.487
Yxy	10.0341, 0.2546, 0.1650
Android (android.graphics.Color)	4285743522 (0xFF7341A2)
YUV	91.0080, 34.9991, 21.0410
Hunter-Lab	31.6766, 31.8088, -43.9044

Details

The YUV color **91.0080, 34.9991, 21.0410** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **135.9920, -34.9991, -21.0410**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.0730, 36.4460, 23.6150**, and **39.8830, 34.5677, 19.3966** is the 20% darker color. If you saturate the color by 10%, you get **79.2240, 40.8086, 24.3596**, and if you desaturate by 10%, it is **102.7920, 29.1895, 17.7224**.

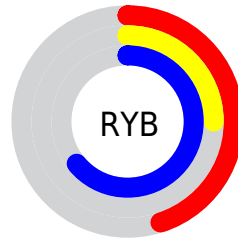
Distribution



Red (45%)

Green (25%)

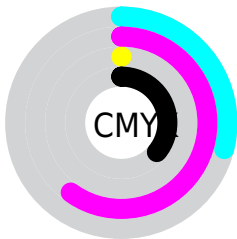
Blue (64%)



Red (45%)

Yellow (25%)

Blue (64%)

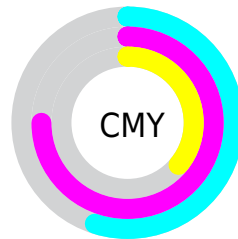


Cyan (29%)

Magenta (60%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (75%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.0080, 34.9991, 21.0410 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 91.0080, 34.9991, 21.0410 by changing the saturation by 10% instead.

91.0080, 34.9991,
21.0410

91.0080, 34.9991,
21.0410

255.0000, 0.0000,
0.0000

65.7690, 34.1309,
19.4966

143.0730, 36.4460,
23.6150

39.8830, 34.5677,
19.3966

170.0130, 37.4616,
24.5446

20.1550, 31.9686,
13.0191

195.5590, 29.3044,
27.5738

10.2430, 25.0232,
0.6639

220.3670, 17.0741,
30.3731

5.5060, 16.0195,
-4.8288

236.8030, 8.9711,
15.9588

2.2970, 6.2626,
-2.0145

253.8260, 0.5788,

0.0000, 0.0000,

1.0296

0.0000

■ 91.0080, 34.9991,
21.0410

■ 91.0080, 34.9991,
21.0410

■ 79.2240, 40.8086,
24.3596

■ 102.7920, 29.1895,
17.7224

■ 67.4400, 46.6181,
27.6781

■ 114.5760, 23.3800,
14.4038

■ 55.0690, 52.7170,
31.5115

■ 126.9470, 17.2811,
10.5705

■ 43.5840, 58.3791,
35.4448

■ 138.4320, 11.6190,
6.6371

■ 150.2160, 5.8095,
3.3186

■ 162.0000, 0.0000,
0.0000

■ 173.7840, -5.8095,
-3.3186

■ 186.1550,
-11.9084, -7.1519

■ 197.9390,
-17.7179, -10.4705

Harmonies

Analogous

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



73.4470, 55.4886, -64.4130



91.0080, 34.9991, 21.0410



82.0650, 18.7020, 68.3490

Triad

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



91.0080, 34.9991, 21.0410



84.0800, -41.4514, 42.0258



76.9960, 15.7780, -67.5255

Complementary

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



91.0080, 34.9991, 21.0410



135.9920, -34.9991, -21.0410

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.



70.0080, -5.9199, -61.3970



91.0080, 34.9991, 21.0410



82.0880, -40.4694, 6.9388

Square

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



91.0080, 34.9991, 21.0410



80.8120, -28.0083, 70.3249



68.8330, -33.9347, -35.8105



81.6530, 36.1601, -71.6097

Rectangle

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



91.0080, 34.9991, 21.0410



74.2600, 6.2808, 85.7180



68.8330, -33.9347, -35.8105



75.0580, 8.3524, -65.8259

Sweetspot

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



91.0080, 34.9991, 21.0410



184.0130, 13.7976, 7.8816



104.8210, 28.1892, -34.9230



90.2100, 8.2775, 5.0778



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



91.0080, 34.9991, 21.0410



100.0630, 55.1849, 33.2707



105.0610, 28.0709, 49.9355



75.5210, 3.1941, 2.1741



38.9550, 52.2802, 31.6115



4.7430, 6.5357, 3.7334

Inverse Universe

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



99.3610, 6.2310, 54.9344



113.1830, 9.7698, 86.6625



121.9390, -28.0709, -49.9355



76.1470, 0.4205, 5.1331



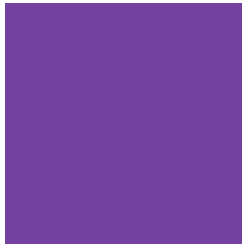
51.3350, 9.2018, 82.1442



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 91.0080, 34.9991, 21.0410 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 91.0080, 34.9991, 21.0410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

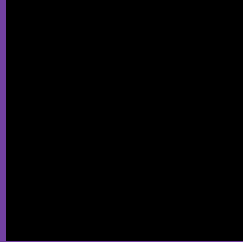
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.0080, 34.9991, 21.0410

Background



This preview shows how black text looks on a background with the YUV color 91.0080, 34.9991, 21.0410.



This preview shows how white text looks on a background with the YUV color 91.0080, 34.9991,

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

91.0080, 34.9991, 21.0410

Protanopia

71.4580, 55.4832, -62.6687

Deuteranopia

81.1820, 37.3783, -42.2556



Tritanopia

90.7670, 0.1149, 9.8513

Trichromacy



Original Color

91.0080, 34.9991, 21.0410



Protanomaly

78.4080, 48.1129, -31.9298



Deuteranomaly

85.0970, 36.4342, -19.3791



Tritanomaly

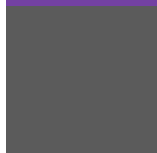
91.1170, 12.7603, 13.9294

Monochromacy



Original Color

91.0080, 34.9991, 21.0410



Achromatopsia

91.0000, 0.0000, 0.0000



Achromatomaly

91.3720, 12.6346, 7.5668

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.0080, 34.9991, 21.0410 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(115, 65, 162)` looks like.

```
.text, #text, p{  
    color:rgb(115, 65, 162)  
}
```

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(115, 65, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 65, 162) }
```

Border

The CSS property to change the border of an element to YUV 91.0080, 34.9991, 21.0410 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(115, 65, 162) }
```


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

```
.border{ border-color:rgb(115, 65, 162) }
```

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

Here you see how a box with a 4 pixel rgb(115, 65, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 65, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 65, 162);  
box-shadow:4px 4px 4px 4px rgb(115, 65,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 91.0080, 34.9991, 21.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 65, 162) }
```

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

```
.background{ background-color: rgb(115, 65,  
162) }
```

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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