

Converting Colors

YUV(104.2680, 40.7869,
31.3370)

Have a look what the booklet for
YUV(104.2680, 40.7869, 31.3370)
contains.

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Color

**YUV(104.2680, 40.7869,
31.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	8C46BB
RGB	140, 70, 187
RGB Percent	55%, 27%, 73%
CMY	0.4510, 0.7255, 0.2667
CMYK	0.25, 0.63, 0.00, 0.27
HSL	276°, 46%, 50%
HSV	276°, 63%, 73%
XYZ	21.9750, 13.5436, 48.4697
YIQ	104.2680, 4.1630, 51.2270

Conversions

Conversions Part 2

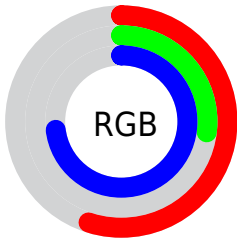
Format	Color
R_{YB}	140, 70, 187
Decimal	9193147
CIE _{Lab}	43.57, 50.11, -50.00
CIE _{LCh}	44, 70.787, 315.060
Yxy	13.5436, 0.2616, 0.1613
Android (android.graphics.Color)	4287383227 (0xFF8C46BB)
YUV	104.2680, 40.7869, 31.3370
Hunter-Lab	36.8017, 42.1831, -52.3268

Details

The YUV color **104.2680, 40.7869, 31.3370** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **152.7320, -40.7869, -31.3370**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.3330, 42.2338, 33.9110**, and **49.3820, 41.2237, 31.2370** is the 20% darker color. If you saturate the color by 10%, you get **90.7230, 47.4646, 36.1999**, and if you desaturate by 10%, it is **117.8130, 34.1092, 26.4740**.

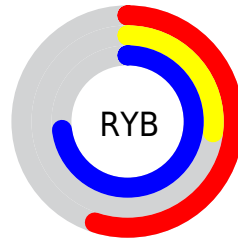
Distribution



Red (55%)

Green (27%)

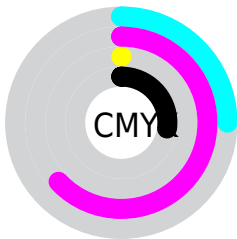
Blue (73%)



Red (55%)

Yellow (27%)

Blue (73%)

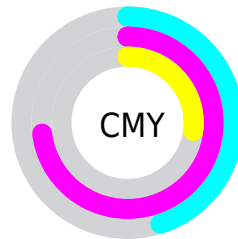


Cyan (25%)

Magenta (63%)

Yellow (0%)

Black (27%)



Cyan (45%)

Magenta (73%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2680, 40.7869, 31.3370 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 104.2680, 40.7869, 31.3370 by changing the saturation by 10% instead.

104.2680, 40.7869,
31.3370

104.2680, 40.7869,
31.3370

255.0000, 0.0000,
0.0000

77.5560, 40.6449,
30.2074

158.3330, 42.2338,
33.9110

49.3820, 41.2237,
31.2370

184.1070, 34.9502,
36.7402

29.5400, 38.1878,
24.9594

208.6270, 22.8619,
40.6691

18.6170, 31.2478,
10.8599

225.6500, 14.4696,
25.7400

6.6120, 25.3343,
-5.7987

242.0860, 6.3666,
11.3256

5.1640, 14.7091,
-4.5288

1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 104.2680, 40.7869,
31.3370

■ 104.2680, 40.7869,
31.3370

■ 90.7230, 47.4646,
36.1999

■ 117.8130, 34.1092,
26.4740

■ 78.0640, 53.7054,
41.1629

■ 130.4720, 27.8683,
21.5111

■ 64.5190, 60.3831,
46.0258

■ 144.0170, 21.1906,
16.6481

■ 54.8060, 65.1716,
50.1591

■ 157.2630, 14.6603,
11.1703

■ 170.2210, 8.2720,
6.8222

■ 183.4670, 1.7418,
1.3444

■ 197.0120, -4.9359,
-3.5185

■ 210.2580,
-11.4662, -8.9963

■ 223.2160,
-17.8545, -13.3444

Harmonies

Analogous

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



84.1390, 65.9935, -73.7899



104.2680, 40.7869, 31.3370



88.3480, 22.9994, 90.0258

Triad

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



104.2680, 40.7869, 31.3370



96.7940, -47.7194, 45.7847



90.1840, 20.6153, -79.0914

Complementary

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



104.2680, 40.7869, 31.3370



152.7320, -40.7869, -31.3370

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.



81.9420, -5.8874, -71.8631



104.2680, 40.7869, 31.3370



93.8720, -46.2789, 3.6203

Square

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



104.2680, 40.7869, 31.3370



91.5980, -36.7768, 82.7906



71.0270, -35.0163, -62.2907



95.1660, 44.7812, -83.4606

Rectangle

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



104.2680, 40.7869, 31.3370



73.4020, 11.1408, 113.6574



71.0270, -35.0163, -62.2907



87.3170, 12.1687, -76.5770

Sweetspot

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



104.2680, 40.7869, 31.3370



209.6160, 15.9653, 12.6148



112.1010, 36.9252, -36.9226



102.2750, 9.7244, 7.6518



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



104.2680, 40.7869, 31.3370



113.9260, 63.1405, 48.2999



117.1810, 29.4908, 61.2313



87.8200, 3.0467, 2.7889



46.4170, 55.0104, 42.6073



8.9160, 10.8874, 7.9667

Inverse Universe

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



110.3410, 3.2829, 67.2299



123.4410, 5.2056, 103.9762



139.8190, -29.4908, -61.2313



88.1470, 0.4205, 5.1331



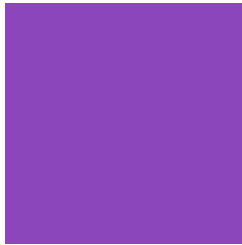
54.5380, 4.6648, 90.7362



10.6370, 0.6720, 17.8584

Previews

White Background



This preview shows how the YUV color 104.2680, 40.7869, 31.3370 looks on a white background.

Color Contrast Check

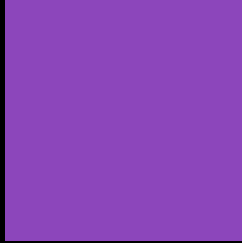
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.2680, 40.7869, 31.3370 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 104.2680, 40.7869, 31.3370

Background



This preview shows how black text looks on a background with the YUV color 104.2680, 40.7869, 31.3370.



This preview shows how white text looks on a background with the YUV color 104.2680, 40.7869,

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

104.2680, 40.7869, 31.3370

Protanopia

82.8680, 63.6621, -72.6752

Deuteranopia

94.1150, 42.3413, -47.4589



Tritanopia

105.0670, -1.5120, 18.3582

Trichromacy



Original Color

104.2680, 40.7869, 31.3370

Protanomaly

90.6340, 55.3964, -34.7590

Deuteranomaly

97.5900, 42.1071, -18.9344

Tritanomaly

104.8130, 13.8962, 22.9660

Monochromacy



Original Color

104.2680, 40.7869, 31.3370

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.2630, 14.6603, 11.1703

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2680, 40.7869, 31.3370 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(140, 70, 187)` looks like.

```
.text, #text, p{  
    color:rgb(140, 70, 187)  
}
```

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(140, 70, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 70, 187) }
```

Border

The CSS property to change the border of an element to YUV 104.2680, 40.7869, 31.3370 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(140, 70, 187) }
```


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

```
.border{ border-color:rgb(140, 70, 187) }
```

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

Here you see how a box with a 4 pixel rgb(140, 70, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 70, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 70, 187);  
box-shadow:4px 4px 4px 4px rgb(140, 70,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 104.2680, 40.7869, 31.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 70, 187) }
```

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

```
.background{ background-color: rgb(140, 70,  
187) }
```

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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