

Converting Colors

YUV(80.7410, 36.6097, 17.7671)

Have a look what the booklet for
YUV(80.7410, 36.6097, 17.7671)
contains.

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Color

**YUV(80.7410, 36.6097,
17.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	65389B
RGB	101, 56, 155
RGB Percent	40%, 22%, 61%
CMY	0.6039, 0.7804, 0.3922
CMYK	0.35, 0.64, 0.00, 0.39
HSL	267°, 47%, 41%
HSV	267°, 64%, 61%
XYZ	12.6974, 7.9616, 31.8779
YIQ	80.7410, -4.9590, 40.3290

Conversions

Conversions Part 2

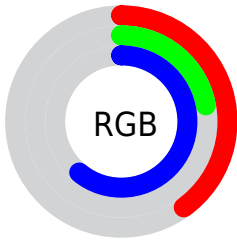
Format	Color
RYB	101, 56, 155
Decimal	6633627
CIELab	33.90, 40.50, -46.76
CIElCh	34, 61.865, 310.896
Yxy	7.9616, 0.2417, 0.1515
Android (android.graphics.Color)	4284823707 (0xFF65389B)
YUV	80.7410, 36.6097, 17.7671
Hunter-Lab	28.2163, 30.9468, -47.2325

Details

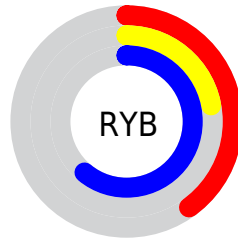
The YUV color **80.7410, 36.6097, 17.7671** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **130.2590, -36.6097, -17.7671**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.5070, 38.2040, 19.7264**, and **29.3170, 36.3257, 15.5080** is the 20% darker color. If you saturate the color by 10%, you get **68.9570, 42.4192, 21.0857**, and if you desaturate by 10%, it is **92.5250, 30.8002, 14.4486**.

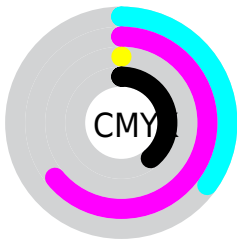
Distribution



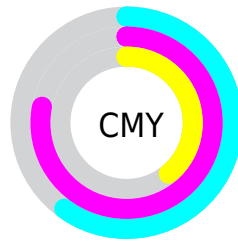
- Red (40%)
- Green (22%)
- Blue (61%)



- Red (40%)
- Yellow (22%)
- Blue (61%)



- Cyan (35%)
- Magenta (64%)
- Yellow (0%)
- Black (39%)



- Cyan (60%)
- Magenta (78%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.7410, 36.6097, 17.7671 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 80.7410, 36.6097, 17.7671 by changing the saturation by 10% instead.

80.7410, 36.6097,
17.7671

80.7410, 36.6097,
17.7671

255.0000, 0.0000,
0.0000

55.6160, 36.1783,
16.1228

132.5070, 38.2040,
19.7264

29.3170, 36.3257,
15.5080

158.8600, 39.5090,
21.1708

14.8720, 31.1221,
4.4973

185.2040, 34.4094,
23.5001

6.2700, 24.0239,
-5.4988

209.7240, 22.3211,
27.4291

4.8220, 13.3988,
-4.2289

230.3460, 12.1544,
21.6216

0.4560, 1.7472,
-0.3999

247.3690, 3.7621,

0.0000, 0.0000,

6.6924

0.0000

■ 80.7410, 36.6097,
17.7671

■ 80.7410, 36.6097,
17.7671

■ 68.9570, 42.4192,
21.0857

■ 92.5250, 30.8002,
14.4486

■ 57.4610, 48.0867,
23.2747

■ 104.0210, 25.1326,
12.2596

■ 45.6770, 53.8962,
26.5933

■ 115.8050, 19.3231,
8.9410

■ 38.6000, 57.3852,
27.5378

■ 127.3010, 13.6556,
6.7520

■ 139.0850, 7.8461,
3.4335

■ 150.5810, 2.1786,
1.2445

■ 161.7780, -3.3416,
-1.5593

■ 173.8610, -9.2985,
-4.2631

■ 185.0580,
-14.8186, -7.0669

Harmonies

Analogous

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



67.8390, 54.3094, -59.4948



80.7410, 36.6097, 17.7671



66.8250, 22.7643, 72.0675

Triad

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



80.7410, 36.6097, 17.7671



74.9320, -36.9415, 42.1556



69.7580, 13.4303, -61.1778

Complementary

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



80.7410, 36.6097, 17.7671



130.2590, -36.6097, -17.7671

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.



62.6560, -8.7044, -54.9493



80.7410, 36.6097, 17.7671



73.2390, -36.1068, 7.6834

Square

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



80.7410, 36.6097, 17.7671



68.2900, -26.2720, 73.4137



59.0760, -29.1245, -38.6547



74.5290, 34.2492, -65.3619

Rectangle

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



80.7410, 36.6097, 17.7671



57.6720, 11.5007, 91.4957



59.0760, -29.1245, -38.6547



67.8200, 6.0047, -59.4781

Sweetspot

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



80.7410, 36.6097, 17.7671



172.7140, 13.9450, 7.2668



98.9840, 27.6159, -37.6970



84.6120, 8.5723, 3.8483



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



80.7410, 36.6097, 17.7671



84.8990, 57.2378, 28.1526



95.3920, 29.3867, 47.8912



70.8090, 3.0522, 1.0445



35.0960, 51.7177, 25.3488



3.2760, 4.7939, 2.3889

Inverse Universe

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



91.7570, 8.9938, 55.4641



102.0350, 14.2797, 86.7923



115.6080, -29.3867, -47.8912



71.8480, 0.5679, 4.5183



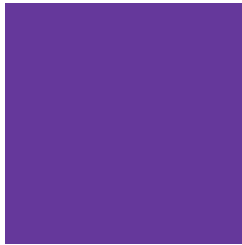
50.5240, 12.5597, 78.4705



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 80.7410, 36.6097, 17.7671 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 80.7410, 36.6097, 17.7671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

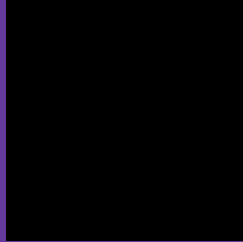
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.7410, 36.6097, 17.7671

Background



This preview shows how black text looks on a background with the YUV color 80.7410, 36.6097, 17.7671.



This preview shows how white text looks on a background with the YUV color 80.7410, 36.6097,

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

80.7410, 36.6097, 17.7671

Protanopia

63.8950, 49.3518, -56.0359

Deuteranopia

64.5500, 39.1688, -56.6103



Tritanopia

80.6740, 1.1467, 5.5479

Trichromacy



Original Color

80.7410, 36.6097, 17.7671

Protanomaly

69.9200, 44.9024, -28.8708

Deuteranomaly

70.7860, 38.0665, -29.6303

Tritanomaly

80.4370, 14.0816, 10.1408

Monochromacy



Original Color

80.7410, 36.6097, 17.7671

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.8880, 13.3662, 6.2372

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.7410, 36.6097, 17.7671 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(101, 56, 155)` looks like.

```
.text, #text, p{  
    color:rgb(101, 56, 155)  
}
```

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(101, 56, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 56, 155) }
```

Border

The CSS property to change the border of an element to YUV 80.7410, 36.6097, 17.7671 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(101, 56, 155) }
```


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

```
.border{ border-color:rgb(101, 56, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 56, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 56, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 56, 155);  
box-shadow:4px 4px 4px 4px rgb(101, 56,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 80.7410, 36.6097, 17.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 56, 155) }
```

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

```
.background{ background-color: rgb(101, 56,  
155) }
```

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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