

Converting Colors

YUV(77.4310, 43.6645, 41.7180)

Have a look what the booklet for
YUV(77.4310, 43.6645, 41.7180)
contains.

YUV(77.4310, 43.6645, 41.7180)	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(77.4310, 43.6645,
41.7180)**

Conversions

Conversions Part 1

Format	Color
Hex	7D24A6
RGB	125, 36, 166
RGB Percent	49%, 14%, 65%
CMY	0.5098, 0.8588, 0.3490
CMYK	0.25, 0.78, 0.00, 0.35
HSL	281°, 64%, 40%
HSV	281°, 78%, 65%
XYZ	15.9713, 8.3749, 36.8511
YIQ	77.4310, 11.3140, 59.2980

Conversions

Conversions Part 2

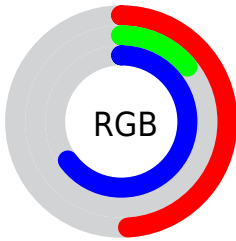
Format	Color
R_{YB}	125, 36, 166
Decimal	8201382
CIE _{Lab}	34.75, 57.15, -51.87
CIE _{LCh}	35, 77.185, 317.772
Yxy	8.3749, 0.2610, 0.1369
Android (android.graphics.Color)	4286391462 (0xFF7D24A6)
YUV	77.4310, 43.6645, 41.7180
Hunter-Lab	28.9394, 47.8676, -55.2416

Details

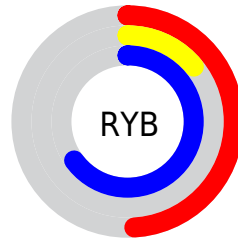
The YUV color **77.4310, 43.6645, 41.7180** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **124.5690, -43.6645, -41.7180**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.8440, 43.9539, 42.2328**, and **33.8120, 39.0397, 31.7369** is the 20% darker color. If you saturate the color by 10%, you get **65.9570, 49.3212, 47.3957**, and if you desaturate by 10%, it is **88.9050, 38.0078, 36.0403**.

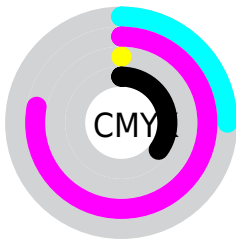
Distribution



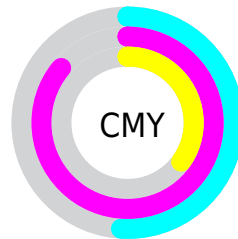
- Red (49%)
- Green (14%)
- Blue (65%)



- Red (49%)
- Yellow (14%)
- Blue (65%)



- Cyan (25%)
- Magenta (78%)
- Yellow (0%)
- Black (35%)



- Cyan (51%)
- Magenta (86%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.4310, 43.6645, 41.7180 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 77.4310, 43.6645, 41.7180 by changing the saturation by 10% instead.

■ 77.4310, 43.6645,
41.7180

■ 77.4310, 43.6645,
41.7180

■ 255.0000, 0.0000,
0.0000

■ 44.8490, 46.4164,
45.7364

■ 132.8440, 43.9539,
42.2328

■ 33.8120, 39.0397,
31.7369

■ 160.6700, 44.5327,
43.2624

■ 22.8890, 32.0997,
17.6373

■ 186.5320, 33.7547,
46.8914

■ 10.8840, 26.1862,
0.9787

■ 206.8660, 23.7301,
42.2135

■ 6.3210, 16.6037,
-5.5435

■ 223.8890, 15.3377,
27.2843

■ 2.6390, 7.5730,
-2.3144

■ 240.9120, 6.9454,

■ 0.0000, 0.0000,

12.3552

0.0000

■ 77.4310, 43.6645,
41.7180

■ 77.4310, 43.6645,
41.7180

■ 65.9570, 49.3212,
47.3957

■ 88.9050, 38.0078,
36.0403

■ 55.0700, 54.6885,
52.5586

■ 99.7920, 32.6405,
30.8774

■ 53.0100, 55.7041,
53.4882

■ 111.5650, 26.8365,
25.8145

■ 122.4520, 21.4692,
20.6516

■ 133.9260, 15.8125,
14.9739

■ 145.4000, 10.1558,
9.2962

■ 156.5860, 4.6411,
4.7481

■ 168.0600, -1.0156,
-0.9296

■ 178.9470, -6.3829,
-6.0925

Harmonies

Analogous

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



68.8140, 65.6607, -60.3499



77.4310, 43.6645, 41.7180



64.5660, 22.3990, 95.9736

Triad

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



77.4310, 43.6645, 41.7180



77.2690, -38.0936, 38.3521



75.0870, 21.1561, -65.8513

Complementary

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



77.4310, 43.6645, 41.7180



124.5690, -43.6645, -41.7180

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.



67.0900, -6.9464, -58.8379



77.4310, 43.6645, 41.7180



72.5640, -35.7741, -5.7566

Square

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



77.4310, 43.6645, 41.7180



63.9880, -31.5461, 85.0795



58.7000, -28.9391, -51.4799



81.3570, 45.1800, -71.3501

Rectangle

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



77.4310, 43.6645, 41.7180



62.5830, 3.1636, 105.6057



58.7000, -28.9391, -51.4799



72.6930, 11.9834, -63.7518

Sweetspot

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



77.4310, 43.6645, 41.7180



182.8660, 16.8281, 15.9035



74.8870, 44.9187, -34.1039



88.8130, 10.4452, 9.8110



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



77.4310, 43.6645, 41.7180



77.8170, 68.6172, 65.0585



86.9540, 27.1377, 69.3233



78.4070, 2.7573, 2.2741



47.0710, 49.7580, 47.2957



6.4660, 6.6723, 6.6073

Inverse Universe

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



79.5440, -1.2542, 75.8219



81.2920, -2.1160, 119.0159



115.0460, -27.1377, -69.3233



78.6200, -0.3057, 4.7183



49.6100, -1.2867, 86.2880



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 77.4310, 43.6645, 41.7180 looks on a white background.

Color Contrast Check

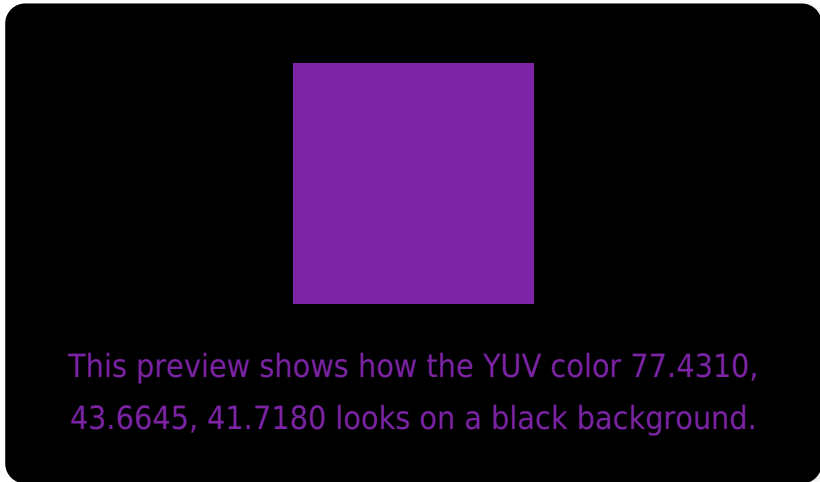
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

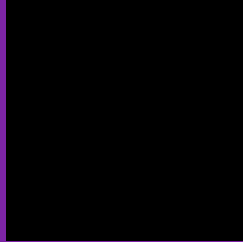
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.4310, 43.6645, 41.7180

Background



This preview shows how black text looks on a background with the YUV color 77.4310, 43.6645, 41.7180.



This preview shows how white text looks on a background with the YUV color 77.4310, 43.6645,

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

77.4310, 43.6645, 41.7180

Protanopia

66.2260, 50.6676, -58.0802

Deuteranopia

66.1800, 40.3373, -58.0399



Tritanopia

83.6440, -3.2755, 23.9912

Trichromacy



Original Color

77.4310, 43.6645, 41.7180



Protanomaly

70.1750, 48.2277, -22.0785



Deuteranomaly

70.4540, 41.6812, -22.3232



Tritanomaly

81.1560, 13.7271, 30.5582

Monochromacy



Original Color

77.4310, 43.6645, 41.7180



Achromatopsia

77.0000, 0.0000, 0.0000



Achromatomaly

76.9260, 15.8125, 14.9739

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.4310, 43.6645, 41.7180 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(125, 36, 166)` looks like.

```
.text, #text, p{  
    color:rgb(125, 36, 166)  
}
```

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(125, 36, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 36, 166) }
```

Border

The CSS property to change the border of an element to YUV 77.4310, 43.6645, 41.7180 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(125, 36, 166) }
```


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

```
.border{ border-color:rgb(125, 36, 166) }
```

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

Here you see how a box with a 4 pixel rgb(125, 36, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 36, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 36, 166);  
box-shadow:4px 4px 4px 4px rgb(125, 36,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 77.4310, 43.6645, 41.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 36, 166) }
```

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

```
.background{ background-color: rgb(125, 36,  
166) }
```

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