

Converting Colors

XYZ(45.3008, 41.2682, 83.4377)

Have a look what the booklet for
XYZ(45.3008, 41.2682, 83.4377)
contains.

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Color

**XYZ(45.3603, 41.3757,
83.4375)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA4EA
RGB	173, 164, 234
RGB Percent	68%, 64%, 92%
CMY	0.3216, 0.3568, 0.0823
CMYK	0.26, 0.30, 0.00, 0.08
HSL	248°, 63%, 78%
HSV	248°, 30%, 92%
XYZ	45.3603, 41.3757, 83.4375
YIQ	174.6710, -17.1060, 23.6780

Conversions

Conversions Part 2

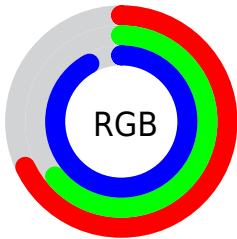
Format	Color
R_{YB}	173, 164, 234
Decimal	11379946
CIE _{Lab}	70.44, 18.16, -33.99
CIE _{LCh}	70, 38.533, 298.111
Yxy	41.3757, 0.2666, 0.2431
Android (android.graphics.Color)	4289570026 (0xFFADA4EA)
YUV	174.6710, 29.2492, -1.4655
Hunter-Lab	64.3239, 13.3087, -31.8810

Details

The XYZ color **45.3603, 41.3757, 83.4375** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **67.1762, 77.5345, 46.5488**, and the grayscale version is **40.4389, 42.5449, 46.3313**.

A 20% lighter version of the original color is **76.0146, 74.7060, 105.0210**, and **21.4378, 18.7246, 44.6038** is the 20% darker color. If you saturate the color by 10%, you get **37.3815, 31.6081, 81.9734**, and if you desaturate by 10%, it is **54.8005, 53.0421, 85.1925**.

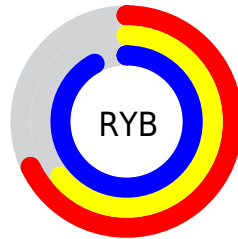
Distribution



Red (68%)

Green (64%)

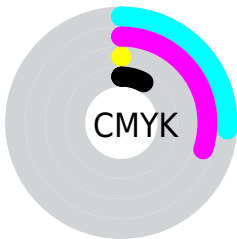
Blue (92%)



Red (68%)

Yellow (64%)

Blue (92%)

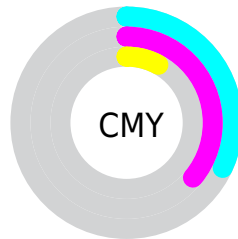


Cyan (26%)

Magenta (30%)

Yellow (0%)

Black (8%)



Cyan (32%)


Magenta (36%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.3603, 41.3757, 83.4375 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 XYZ color 45.3603, 41.3757, 83.4375 by changing the saturation by 10% instead.


 45.3603, 41.3757,
83.4375

 45.3603, 41.3757,
83.4375


358.9900,
351.8884, 526.4526

 31.9438, 28.6128,
62.0084


 82.4946, 77.2539,
140.0428

 21.4739, 18.7881,
44.6037


 106.9430,
101.1379, 176.0560

 13.5853, 11.5173,
30.8047


135.7995,
129.4978, 217.7678

 7.9126, 6.4159,
20.1930

169.4294,
162.7179, 265.5965

 4.0904, 3.0996,
12.3499

208.1981,
201.1826, 319.9609

 1.7534, 1.1839,
6.8570

252.4708,

 0.4893, 0.0485,

245.2763, 381.2793

3.2958

302.6130,
295.3835, 449.9703

■ 0.0000, 0.0000,
1.2476

■ 0.0000, 0.0000,
0.0182

■ 45.3603, 41.3757,
83.4375

■ 45.3603, 41.3757,
83.4375

■ 37.3815, 31.6081,
81.9734

■ 54.8005, 53.0421,
85.1925

■ 30.7865, 23.6338,
80.7818

■ 65.7662, 66.6957,
87.2500

■ 25.4968, 17.3445,
79.8466

■ 78.3225, 82.4250,
89.6242

■ 21.4244, 12.6179,
79.1490

■ 91.6933, 98.6390,
92.0491

■ 18.4698, 9.3151,
78.6672

■ 91.8514, 98.7206,
92.0565

■ 16.5177, 7.2724,
78.3758

■ 15.3967, 6.2249,
78.2327

■ 15.3893, 6.2178,
78.2317

Harmonies

Analogous

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



38.9255, 41.3757, 89.7799



45.3603, 41.3757, 83.4375



50.6229, 41.3757, 66.1480

Triad

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



45.3603, 41.3757, 83.4375



46.1308, 41.3757, 21.4174



28.3484, 41.3757, 43.9090

Complementary

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



45.3603, 41.3757, 83.4375



67.1762, 77.5345, 46.5488

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.



29.8493, 41.3757, 28.9973



45.3603, 41.3757, 83.4375



39.7300, 41.3757, 18.3732

Square

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



45.3603, 41.3757, 83.4375



51.1004, 41.3757, 30.5102



33.8528, 41.3757, 20.7234



29.5159, 41.3757, 63.6038

Rectangle

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



45.3603, 41.3757, 83.4375



52.5155, 41.3757, 52.6407



33.8528, 41.3757, 20.7234



28.5540, 41.3757, 38.2285

Sweetspot

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



45.3617, 41.3773, 83.4385



81.1818, 82.6236, 106.2770



57.3134, 68.1363, 87.9735



16.9286, 17.1256, 22.6633



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



45.3617, 41.3773, 83.4385



48.8624, 42.5997, 100.2550



53.9068, 45.7825, 83.8384



14.4112, 14.6417, 18.9888



8.7053, 3.5237, 43.9643



0.7415, 0.3066, 3.4550

Inverse Universe

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



60.7990, 49.4812, 77.5820



70.5803, 54.0085, 91.6556



57.5689, 72.5818, 46.0992



15.6266, 15.2785, 18.5851



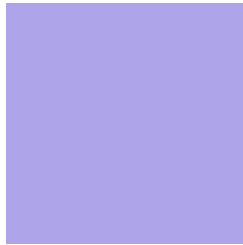
25.2199, 12.2906, 33.2889



2.0036, 0.9744, 2.7366

Previews

White Background



This preview shows how the XYZ color 45.3603, 41.3757, 83.4375 looks on a white background.

Color Contrast Check

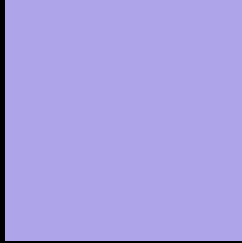
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 45.3603, 41.3757, 83.4375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

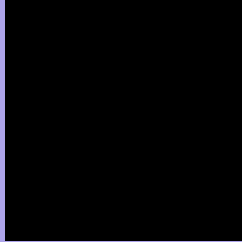
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3603, 41.3757, 83.4375

Background



This preview shows how black text looks on a background with the XYZ color 45.3603, 41.3757, 83.4375.



This preview shows how white text looks on a background with the XYZ color 45.3603, 41.3757,

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

45.3603, 41.3757, 83.4375

Protanopia

42.7562, 41.5979, 86.6646

Deuteranopia

42.6003, 41.6012, 82.8754



Tritanopia

39.2231, 41.3675, 52.9312

Trichromacy



Original Color

45.3603, 41.3757, 83.4375

Protanomaly

43.7859, 41.5933, 85.8413

Deuteranomaly

43.6109, 41.5698, 82.8160

Tritanomaly

41.2102, 41.3246, 62.9312

Monochromacy



Original Color

45.3603, 41.3757, 83.4375

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.9823, 42.1100, 58.1399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3603, 41.3757, 83.4375 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(173, 164, 234)` looks like.

```
.text, #text, p{  
    color:rgb(173, 164, 234)  
}
```

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(173, 164, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 164, 234) }
```

Border

The CSS property to change the border of an element to XYZ 45.3603, 41.3757, 83.4375 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(173, 164, 234) }
```


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

```
.border{ border-color:rgb(173, 164, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 164, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 164, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 164, 234);  
box-shadow:4px 4px 4px 4px rgb(173, 164,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3603, 41.3757, 83.4375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 164, 234) }
```

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

```
.background{ background-color: rgb(173,  
164, 234) }
```

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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