

Converting Colors

XYZ(43.6864, 36.4917, 82.1025)

Have a look what the booklet for
XYZ(43.6864, 36.4917, 82.1025)
contains.

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Color

**XYZ(43.6580, 36.5280,
81.8404)**

Conversions

Conversions Part 1

Format	Color
Hex	B294E9
RGB	178, 148, 233
RGB Percent	70%, 58%, 91%
CMY	0.3019, 0.4196, 0.0863
CMYK	0.24, 0.36, 0.00, 0.09
HSL	261°, 66%, 75%
HSV	261°, 36%, 91%
XYZ	43.6580, 36.5280, 81.8404
YIQ	166.6600, -9.4050, 32.7950

Conversions

Conversions Part 2

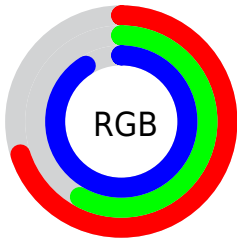
Format	Color
R _Y B	178, 148, 233
Decimal	11703529
CIE _{Lab}	66.92, 28.37, -38.88
CIE _{LCh}	67, 48.124, 306.115
Yxy	36.5280, 0.2694, 0.2254
Android (android.graphics.Color)	4289893609 (0xFFB294E9)
YUV	166.6600, 32.7056, 9.9452
Hunter-Lab	60.4384, 23.1732, -37.9785

Details

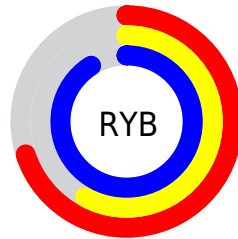
The XYZ color **43.6580, 36.5280, 81.8404** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **59.1138, 73.1133, 39.0151**, and the grayscale version is **36.4158, 38.3123, 41.7221**.

A 20% lighter version of the original color is **73.4315, 67.1232, 103.6936**, and **20.5227, 16.0088, 43.6033** is the 20% darker color. If you saturate the color by 10%, you get **37.0934, 28.2542, 80.5900**, and if you desaturate by 10%, it is **51.3410, 46.4718, 83.3554**.

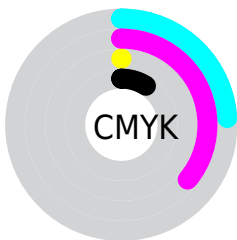
Distribution



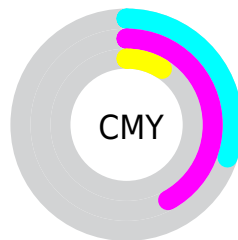
- Red (70%)
- Green (58%)
- Blue (91%)



- Red (70%)
- Yellow (58%)
- Blue (91%)



- Cyan (24%)
- Magenta (36%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (42%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6580, 36.5280, 81.8404 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 43.6580, 36.5280, 81.8404 by changing the saturation by 10% instead.

43.6580, 36.5280,
81.8404

43.6580, 36.5280,
81.8404

352.1867,
331.2625, 520.9831

30.5985, 24.8423,
60.6989

79.9524, 69.8462,
137.7848

20.4436, 15.9596,
43.5533

103.9180, 92.2475,
173.4249

12.8281, 9.4955,
29.9849

132.2497,
118.9895, 214.7349

7.3864, 5.0658,
19.5751

165.3128,
150.4564, 262.1334

3.7534, 2.2859,
11.9056

203.4727,
187.0328, 316.0389

1.5636, 0.7662,
6.5577

247.0947,

0.3685, 0.0000,

229.1030, 376.8700

3.1128

296.5443,
277.0514, 445.0452

■ 0.0000, 0.0000,
1.1525

■ 0.0000, 0.0000,
0.0000

■ 43.6580, 36.5280,
81.8404

■ 43.6580, 36.5280,
81.8404

■ 37.0934, 28.2542,
80.5900

■ 51.3410, 46.4718,
83.3554

■ 31.5866, 21.5510,
79.5864

■ 60.1908, 58.1686,
85.1467

■ 27.0769, 16.3148,
78.8134

■ 70.2576, 71.7010,
87.2282

■ 23.4951, 12.4273,
78.2518

■ 81.5874, 87.1452,
89.6120

■ 20.7614, 9.7509,
77.8793

■ 91.1165, 98.3582,
91.2741

■ 18.7786, 8.1138,
77.6678

■ 91.7081, 98.6632,
91.3018

■ 18.2083, 7.6877,
77.6156

Harmonies

Analogous

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



36.2343, 36.5280, 94.5648



43.6580, 36.5280, 81.8404



49.1852, 36.5280, 58.3519

Triad

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



43.6580, 36.5280, 81.8404



40.7122, 36.5280, 13.1921



22.5581, 36.5280, 44.2067

Complementary

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



43.6580, 36.5280, 81.8404



59.1138, 73.1133, 39.0151

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.



23.4097, 36.5280, 25.6264



43.6580, 36.5280, 81.8404



33.2461, 36.5280, 11.7126

Square

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



43.6580, 36.5280, 81.8404



47.3247, 36.5280, 20.4860



27.0915, 36.5280, 15.3504



24.5774, 36.5280, 68.4530

Rectangle

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



43.6580, 36.5280, 81.8404



50.6742, 36.5280, 42.5563



27.0915, 36.5280, 15.3504



22.5225, 36.5280, 37.1134

Sweetspot

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



43.6593, 36.5295, 81.8412



80.3804, 80.1095, 105.8339



48.3369, 55.0104, 85.1619



16.8456, 16.6642, 22.5786



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.



43.6593, 36.5295, 81.8412



47.2285, 36.7988, 99.2214



54.8899, 42.3190, 82.3668



14.7328, 14.8075, 19.0039



10.4535, 4.4249, 44.0461



0.9219, 0.3996, 3.4634

Inverse Universe

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



54.9747, 42.8166, 61.8679



63.3496, 45.7718, 70.0556



49.1330, 67.9680, 38.5480



15.4760, 15.2182, 17.7918



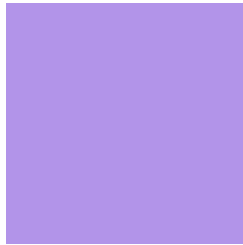
22.2875, 11.1177, 17.8470



1.7955, 0.8912, 1.6404

Previews

White Background



This preview shows how the XYZ color 43.6580, 36.5280, 81.8404 looks on a white background.

Color Contrast Check

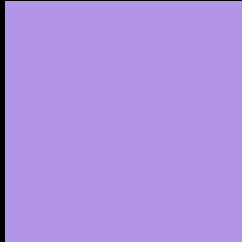
Large Text (above 18pt) WCAG AA × Fail

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 43.6580, 36.5280, 81.8404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

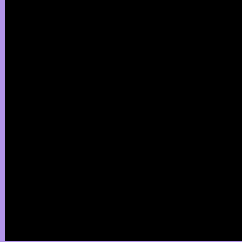
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6580, 36.5280, 81.8404

Background



This preview shows how black text looks on a background with the XYZ color 43.6580, 36.5280, 81.8404.



This preview shows how white text looks on a background with the XYZ color 43.6580, 36.5280,

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

43.6580, 36.5280, 81.8404

Protanopia

38.7401, 36.7636, 89.8483

Deuteranopia

37.5090, 36.6062, 79.9517



Tritanopia

36.0500, 36.3742, 44.6561

Trichromacy



Original Color

43.6580, 36.5280, 81.8404

Protanomaly

40.2310, 36.5882, 86.6032

Deuteranomaly

39.4491, 36.3188, 80.5323

Tritanomaly

38.5334, 36.3750, 56.6199

Monochromacy



Original Color

43.6580, 36.5280, 81.8404

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.7694, 37.5611, 54.4969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6580, 36.5280, 81.8404 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(178, 148, 233)` looks like.

```
.text, #text, p{  
    color:rgb(178, 148, 233)  
}
```

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(178, 148, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 148, 233) }
```

Border

The CSS property to change the border of an element to XYZ 43.6580, 36.5280, 81.8404 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(178, 148, 233) }
```


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

```
.border{ border-color:rgb(178, 148, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 148, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 148, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 148, 233);  
box-shadow:4px 4px 4px 4px rgb(178, 148,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6580, 36.5280, 81.8404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 148, 233) }
```

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

```
.background{ background-color: rgb(178,  
148, 233) }
```

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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