

Converting Colors

XYZ(37.6983, 35.6366, 48.0717)

Have a look what the booklet for
XYZ(37.6983, 35.6366, 48.0717)
contains.

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Color

**XYZ(37.6983, 35.6366,
48.0717)**

Conversions

Conversions Part 1

Format	Color
Hex	B09AB4
RGB	176, 154, 180
RGB Percent	69%, 60%, 71%
CMY	0.3098, 0.3961, 0.2941
CMYK	0.02, 0.14, 0.00, 0.29
HSL	291°, 15%, 65%
HSV	291°, 14%, 71%
XYZ	37.6983, 35.6366, 48.0717
YIQ	163.5420, 4.7660, 12.7500

Conversions

Conversions Part 2

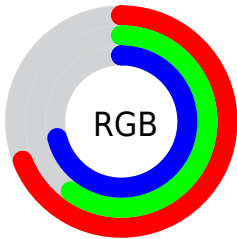
Format	Color
R_{YB}	176, 154, 180
Decimal	11573940
CIE _{Lab}	66.24, 12.88, -10.50
CIE _{LCh}	66, 16.612, 320.818
Yxy	35.6366, 0.3105, 0.2935
Android (android.graphics.Color)	4289764020 (0xFFB09AB4)
YUV	163.5420, 8.1138, 10.9257
Hunter-Lab	59.6964, 8.2541, -5.9570

Details

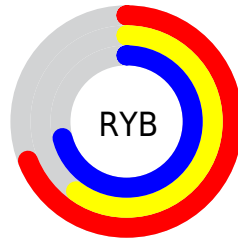
The XYZ color **37.6983, 35.6366, 48.0717** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.2559, 42.2457, 36.8170**, and the grayscale version is **35.0312, 36.8555, 40.1357**.

A 20% lighter version of the original color is **70.9749, 68.3237, 88.8039**, and **16.8494, 15.4438, 22.1716** is the 20% darker color. If you saturate the color by 10%, you get **34.3279, 29.8154, 47.1263**, and if you desaturate by 10%, it is **41.5291, 42.3584, 49.1678**.

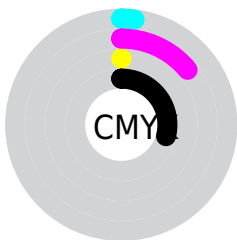
Distribution



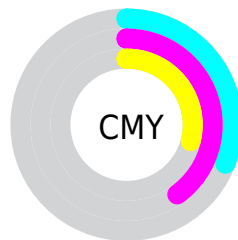
- Red (69%)
- Green (60%)
- Blue (71%)



- Red (69%)
- Yellow (60%)
- Blue (71%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)



- Cyan (31%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6983, 35.6366, 48.0717 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 37.6983, 35.6366, 48.0717 by changing the saturation by 10% instead.

■ 37.6983, 35.6366,
48.0717

■ 37.6983, 35.6366,
48.0717

327.6273,
327.3694, 395.5932

■ 25.9248, 24.1537,
33.5233

■ 70.9524, 68.4708,
88.6778

■ 16.8997, 15.4477,
22.2532

■ 93.1636, 90.5909,
115.5726

■ 10.2579, 9.1342,
13.8430

119.5848,
117.0254, 147.4199

■ 5.6339, 4.8288,
7.8740

150.5812,
148.1588, 184.6382

■ 2.6623, 2.1472,
3.9278

186.5184,
184.3756, 227.6462

■ 0.9778, 0.6910,
1.5858

227.7615,

■ 0.0000, 0.0000,

226.0600, 276.8623

0.2807

274.6760,
273.5964, 332.7051

■ 0.0000, 0.0000,
0.0000

■ 37.6983, 35.6366,
48.0717

■ 37.6983, 35.6366,
48.0717

■ 34.3279, 29.8154,
47.1263

■ 41.5291, 42.3584,
49.1678

■ 31.3949, 24.8508,
46.3226

■ 45.8357, 50.0133,
50.4183

■ 28.8789, 20.7015,
45.6543

■ 50.6367, 58.6379,
51.8300

■ 26.7569, 17.3215,
45.1137

■ 55.9489, 68.2653,
53.4083

■ 25.0034, 14.6600,
44.6924

■ 61.7879, 78.9272,
55.1585

■ 23.5898, 12.6598,
44.3809

■ 65.8935, 86.1027,
56.3271

■ 22.4832, 11.2554,
44.1681

■ 66.6044, 86.4692,
56.3604

■ 21.6438, 10.3673,
44.0409

■ 67.3286, 86.8425,
56.3943

■ 21.2445, 10.0003,
43.9911

■ 68.0661, 87.2227,
56.4288

Harmonies

Analogous

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



35.5922, 35.6366, 52.9962



37.6983, 35.6366, 48.0717



38.7931, 35.6366, 41.0194

Triad

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



37.6983, 35.6366, 48.0717



34.6371, 35.6366, 26.8364



29.6127, 35.6366, 43.8535

Complementary

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



37.6983, 35.6366, 48.0717



36.2559, 42.2457, 36.8170

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.



29.3848, 35.6366, 36.6664



37.6983, 35.6366, 48.0717



32.2072, 35.6366, 27.3999

Square

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



37.6983, 35.6366, 48.0717



36.9699, 35.6366, 29.1621



30.3129, 35.6366, 30.8082



30.9512, 35.6366, 50.3622

Rectangle

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



37.6983, 35.6366, 48.0717



38.7673, 35.6366, 36.2985



30.3129, 35.6366, 30.8082



29.4063, 35.6366, 41.4185

Sweetspot

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



37.6994, 35.6381, 48.0725



75.5766, 77.2923, 89.2302



33.8500, 34.7346, 48.1010



16.2160, 16.4958, 19.2516



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.6994, 35.6381, 48.0725



66.5318, 61.4489, 86.6488



37.7616, 35.7691, 43.6098



8.7191, 8.5792, 10.7027



14.8729, 7.0031, 30.7048



0.5025, 0.2382, 0.9677

Inverse Universe

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



36.5508, 35.2848, 37.2338



64.1065, 60.7083, 63.5077



36.2300, 42.1459, 40.7209



8.5479, 8.5259, 9.1177



13.2970, 6.8364, 1.4580



0.4348, 0.2217, 0.1325

Previews

White Background



This preview shows how the XYZ color 37.6983, 35.6366, 48.0717 looks on a white background.

Color Contrast Check

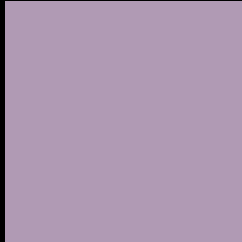
Large Text (above 18pt) WCAG AA × Fail

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 37.6983, 35.6366, 48.0717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

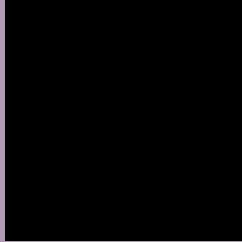
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6983, 35.6366, 48.0717

Background



This preview shows how black text looks on a background with the XYZ color 37.6983, 35.6366, 48.0717.



This preview shows how white text looks on a background with the XYZ color 37.6983, 35.6366,

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

37.6983, 35.6366, 48.0717

Protanopia

35.1272, 35.7704, 50.4004

Deuteranopia

36.3421, 35.6934, 47.6219



Tritanopia

36.4119, 35.6028, 41.9987

Trichromacy



Original Color

37.6983, 35.6366, 48.0717

Protanomaly

36.0839, 35.7651, 49.8013

Deuteranomaly

36.8197, 35.6895, 47.5960

Tritanomaly

36.8469, 35.5352, 43.9467

Monochromacy



Original Color

37.6983, 35.6366, 48.0717

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.9750, 36.3687, 43.1540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6983, 35.6366, 48.0717 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(176, 154, 180)` looks like.

```
.text, #text, p{  
    color:rgb(176, 154, 180)  
}
```

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(176, 154, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 154, 180) }
```

Border

The CSS property to change the border of an element to XYZ 37.6983, 35.6366, 48.0717 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(176, 154, 180) }
```


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

```
.border{ border-color:rgb(176, 154, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 154, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 154, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 154, 180);  
box-shadow:4px 4px 4px 4px rgb(176, 154,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6983, 35.6366, 48.0717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 154, 180) }
```

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

```
.background{ background-color: rgb(176,  
154, 180) }
```

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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