

Converting Colors

XYZ(39.2081, 37.4330, 48.2691)

Have a look what the booklet for
XYZ(39.2081, 37.4330, 48.2691)
contains.

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Color

**XYZ(39.2875, 37.4523,
48.3384)**

Conversions

Conversions Part 1

Format	Color
Hex	B49EB4
RGB	180, 158, 180
RGB Percent	71%, 62%, 71%
CMY	0.2941, 0.3804, 0.2941
CMYK	0.00, 0.12, 0.00, 0.29
HSL	300°, 13%, 66%
HSV	300°, 12%, 71%
XYZ	39.2875, 37.4523, 48.3384
YIQ	167.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

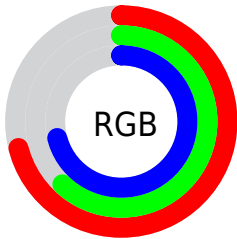
Format	Color
R_{YB}	180, 158, 180
Decimal	11837108
CIE _{Lab}	67.61, 12.05, -8.41
CIE _{LCh}	68, 14.691, 325.087
Yxy	37.4523, 0.3141, 0.2994
Android (android.graphics.Color)	4290027188 (0xFFB49EB4)
YUV	167.0860, 6.3666, 11.3256
Hunter-Lab	61.1983, 7.4948, -3.9923

Details

The XYZ color **39.2875, 37.4523, 48.3384** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5948, 42.3814, 38.6014**, and the grayscale version is **36.7413, 38.6547, 42.0950**.

A 20% lighter version of the original color is **73.5266, 71.4775, 89.2781**, and **17.8409, 16.5597, 22.3347** is the 20% darker color. If you saturate the color by 10%, you get **36.4397, 31.7561, 47.3895**, and if you desaturate by 10%, it is **42.5872, 44.0511, 49.4389**.

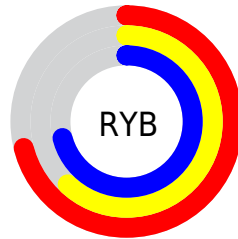
Distribution



Red (71%)

Green (62%)

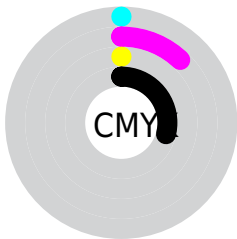
Blue (71%)



Red (71%)

Yellow (62%)

Blue (71%)

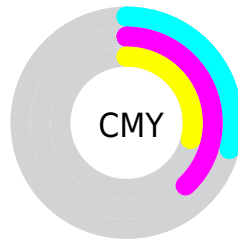


Cyan (0%)

Magenta (12%)

Yellow (0%)

Black (29%)



Cyan (29%)

Magenta (38%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2875, 37.4523, 48.3384 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 39.2875, 37.4523, 48.3384 by changing the saturation by 10% instead.

■ 39.2875, 37.4523,
48.3384

■ 39.2875, 37.4523,
48.3384

334.2974,
335.2646, 396.6792

■ 27.1652, 25.5579,
33.7331

■ 73.3686, 71.2679,
89.0788

■ 17.8346, 16.4932,
22.4129

■ 96.0581, 93.9578,
116.0510

■ 10.9302, 9.8738,
13.9594

123.0006,
121.0151, 147.9825

■ 6.0869, 5.3154,
7.9540

154.5617,
152.8240, 185.2919

■ 2.9391, 2.4335,
3.9782

191.1065,
189.7690, 228.3977

■ 1.1217, 0.8430,
1.6134

233.0005,

■ 0.0431, 0.0000,

232.2346, 277.7185

0.3003

280.6090,
280.6049, 333.6729

■ 0.0000, 0.0000,
0.0000

■ 39.2875, 37.4523,
48.3384

■ 39.2875, 37.4523,
48.3384

■ 36.4397, 31.7561,
47.3895

■ 42.5872, 44.0511,
49.4389

■ 34.0210, 26.9188,
46.5831

■ 46.3538, 51.5843,
50.6945

■ 32.0117, 22.9001,
45.9133

■ 50.6057, 60.0881,
52.1119

■ 30.3890, 19.6549,
45.3723

■ 55.3592, 69.5951,
53.6965

■ 29.1283, 17.1334,
44.9519

■ 60.6300, 80.1366,
55.4535

■ 28.2017, 15.2802,
44.6430

■ 62.8212, 84.5188,
56.1840

■ 27.5775, 14.0319,
44.4348

■ 62.8212, 84.5189,
56.1841

■ 27.2180, 13.3129,
44.3149

■ 62.8212, 84.5189,
56.1842

■ 27.0609, 12.9987,
44.2624

■ 62.8212, 84.5189,
56.1843

Harmonies

Analogous

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



37.4750, 37.4523, 53.1438



39.2875, 37.4523, 48.3384



40.1128, 37.4523, 41.8561

Triad

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



39.2875, 37.4523, 48.3384



35.9714, 37.4523, 29.5767



31.7987, 37.4523, 46.2967

Complementary

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



39.2875, 37.4523, 48.3384



36.5948, 42.3814, 38.6014

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.



31.4340, 37.4523, 39.7209



39.2875, 37.4523, 48.3384



33.7833, 37.4523, 30.4986

Square

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



39.2875, 37.4523, 48.3384



38.1472, 37.4523, 31.3867



32.1457, 37.4523, 34.0522



33.1636, 37.4523, 51.8802

Rectangle

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



39.2875, 37.4523, 48.3384



39.9678, 37.4523, 37.6195



32.1457, 37.4523, 34.0522



31.5576, 37.4523, 44.1110

Sweetspot

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



39.2886, 37.4539, 48.3392



76.0503, 77.5365, 89.2523



34.5673, 35.0200, 48.1184



16.3371, 16.5582, 19.2572



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.



39.2886, 37.4539, 48.3392



69.5845, 64.6050, 87.0968



38.2120, 37.0233, 42.6697



8.8501, 8.6467, 10.7088



18.8865, 9.0722, 30.8919



0.5943, 0.2854, 0.9720

Inverse Universe

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



39.2886, 37.4539, 48.3392



69.5845, 64.6050, 87.0968



37.5846, 42.7773, 43.8134



8.8501, 8.6467, 10.7088



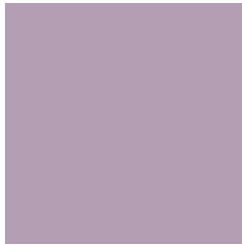
18.8865, 9.0722, 30.8919



0.5943, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 39.2875, 37.4523, 48.3384 looks on a white background.

Color Contrast Check

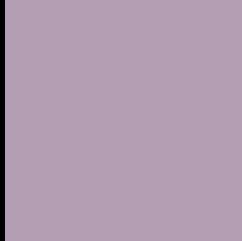
Large Text (above 18pt) WCAG AA × Fail

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 39.2875, 37.4523, 48.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

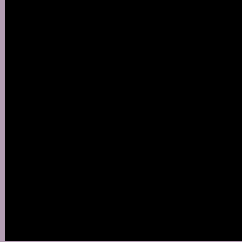
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2875, 37.4523, 48.3384

Background



This preview shows how black text looks on a background with the XYZ color 39.2875, 37.4523, 48.3384.



This preview shows how white text looks on a background with the XYZ color 39.2875, 37.4523,

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

39.2875, 37.4523, 48.3384

Protanopia

36.8275, 37.6930, 50.6819

Deuteranopia

38.2646, 37.4356, 48.3890



Tritanopia

38.4349, 37.3585, 44.2149

Trichromacy



Original Color

39.2875, 37.4523, 48.3384

Protanomaly

37.8298, 37.6946, 50.0817

Deuteranomaly

38.5409, 37.3217, 48.3525

Tritanomaly

38.7264, 37.4751, 45.7498

Monochromacy



Original Color

39.2875, 37.4523, 48.3384

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.7351, 38.3001, 44.4335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2875, 37.4523, 48.3384 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(180, 158, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 158, 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(180, 158, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 158, 180) }
```

Border

The CSS property to change the border of an element to XYZ 39.2875, 37.4523, 48.3384 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(180, 158, 180) }
```


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

```
.border{ border-color:rgb(180, 158, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 158, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 158, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 158, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 158,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2875, 37.4523, 48.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 158, 180) }
```

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

```
.background{ background-color: rgb(180,  
158, 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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