

Converting Colors

XYZ(41.8778, 39.7324, 50.6454)

Have a look what the booklet for
XYZ(41.8778, 39.7324, 50.6454)
contains.

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Color

**XYZ(41.8218, 39.7405,
50.8138)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA2B8
RGB	186, 162, 184
RGB Percent	73%, 64%, 72%
CMY	0.2706, 0.3647, 0.2784
CMYK	0.00, 0.13, 0.01, 0.27
HSL	305°, 15%, 68%
HSV	305°, 13%, 73%
XYZ	41.8218, 39.7405, 50.8138
YIQ	171.6840, 7.2420, 11.9300

Conversions

Conversions Part 2

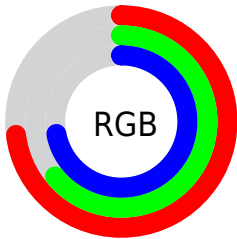
Format	Color
R _Y B	186, 162, 184
Decimal	12231352
CIE Lab	69.28, 12.69, -8.09
CIE LCh	69, 15.053, 327.487
Yxy	39.7405, 0.3159, 0.3002
Android (android.graphics.Color)	4290421432 (0xFFBAA2B8)
YUV	171.6840, 6.0718, 12.5551
Hunter-Lab	63.0401, 8.0997, -3.6630

Details

The XYZ color **41.8218, 39.7405, 50.8138** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1616, 45.4807, 41.8388**, and the grayscale version is **39.0218, 41.0540, 44.7078**.

A 20% lighter version of the original color is **77.1590, 74.7942, 92.8081**, and **19.3455, 17.7771, 23.8844** is the 20% darker color. If you saturate the color by 10%, you get **38.6234, 33.6019, 48.9506**, and if you desaturate by 10%, it is **45.5089, 46.8525, 52.8496**.

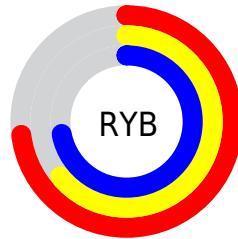
Distribution



Red (73%)

Green (64%)

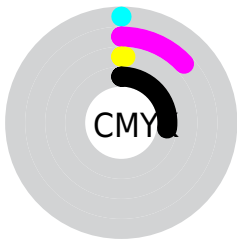
Blue (72%)



Red (73%)

Yellow (64%)

Blue (72%)

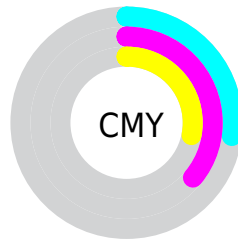


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (27%)



Cyan (27%)


Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8218, 39.7405, 50.8138 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 41.8218, 39.7405, 50.8138 by changing the saturation by 10% instead.


 41.8218, 39.7405,
50.8138

 41.8218, 39.7405,
50.8138


344.7479,
345.0286, 406.6658

 29.1523, 27.3363,
35.6847


 77.1967, 74.7682,
92.7882

 19.3409, 17.8259,
23.9031


 100.6328, 98.1605,
120.4705

 12.0223, 10.8251,
15.0502


128.3885,
125.9842, 153.1745

 6.8312, 5.9493,
8.7076

160.8291,
158.6238, 191.3184

 3.4021, 2.8143,
4.4568

198.3200,
196.4636, 235.3210

 1.3698, 1.0356,
1.8791

241.2265,

 0.2346, 0.0000,

239.8881, 285.6007

0.4794

289.9140,
289.2816, 342.5762

■ 0.0000, 0.0000,
0.0000

■ 41.8218, 39.7405,
50.8138

■ 41.8218, 39.7405,
50.8138

■ 38.6234, 33.6019,
48.9506

■ 45.5089, 46.8525,
52.8496

■ 35.8891, 28.3891,
47.2504

■ 49.7011, 54.9726,
55.0622

■ 33.5972, 24.0583,
45.7064

■ 54.4185, 64.1400,
57.4586

■ 31.7230, 20.5601,
44.3103

■ 59.6787, 74.3902,
60.0449

■ 30.2395, 17.8404,
43.0532

■ 65.4971, 85.7541,
62.8261

■ 29.1162, 15.8384,
41.9247

■ 65.6696, 85.8231,
63.7343

■ 28.3184, 14.4846,
40.9134

■ 65.8439, 85.8928,
64.6520

■ 27.8043, 13.6954,
40.0053

■ 66.0200, 85.9632,
65.5794

■ 27.5528, 13.3604,
39.4036

■ 66.1979, 86.0344,
66.5163

Harmonies

Analogous

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



39.9546, 39.7405, 56.1629



41.8218, 39.7405, 50.8138



42.6002, 39.7405, 43.8560

Triad

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



41.8218, 39.7405, 50.8138



37.9760, 39.7405, 31.3057



33.8034, 39.7405, 49.6987

Complementary

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



41.8218, 39.7405, 50.8138



39.1616, 45.4807, 41.8388

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.



33.3234, 39.7405, 42.6906



41.8218, 39.7405, 50.8138



35.6707, 39.7405, 32.5197

Square

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



41.8218, 39.7405, 50.8138



40.3215, 39.7405, 33.0038



33.9927, 39.7405, 36.5136



35.3325, 39.7405, 55.4724

Rectangle

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



41.8218, 39.7405, 50.8138



42.3731, 39.7405, 39.3990



33.9927, 39.7405, 36.5136



33.5170, 39.7405, 47.3880

Sweetspot

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



41.8230, 39.7422, 50.8147



81.6617, 83.3279, 95.3457



37.0949, 37.2804, 51.6958



17.8665, 18.1247, 20.9333



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



41.8230, 39.7422, 50.8147



74.3667, 69.2671, 91.2830



40.6178, 39.2602, 44.4685



9.3478, 9.1495, 11.1787



18.5498, 8.9937, 26.5798



0.6635, 0.3209, 0.9874

Inverse Universe

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



41.8230, 39.7422, 50.8147



74.3667, 69.2671, 91.2830



40.2971, 45.9349, 47.8181



9.3478, 9.1495, 11.1787



18.5498, 8.9937, 26.5798



0.6635, 0.3209, 0.9874

Previews

White Background



This preview shows how the XYZ color 41.8218, 39.7405, 50.8138 looks on a white background.

Color Contrast Check

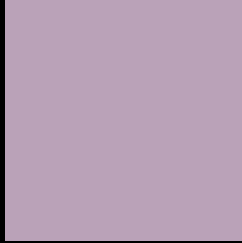
Large Text (above 18pt) WCAG AA × Fail

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 41.8218, 39.7405, 50.8138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

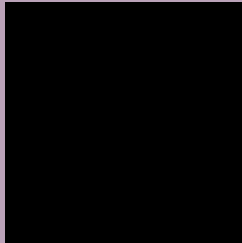
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8218, 39.7405, 50.8138

Background



This preview shows how black text looks on a background with the XYZ color 41.8218, 39.7405, 50.8138.



This preview shows how white text looks on a background with the XYZ color 41.8218, 39.7405,

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

41.8218, 39.7405, 50.8138

Protanopia

39.0161, 39.8516, 53.2127

Deuteranopia

40.6973, 39.9547, 50.9144



Tritanopia

40.9412, 39.6433, 46.5684

Trichromacy



Original Color

41.8218, 39.7405, 50.8138

Protanomaly

40.0614, 39.8590, 52.5958

Deuteranomaly

41.2186, 39.9567, 50.8874

Tritanomaly

41.2415, 39.7633, 48.1493

Monochromacy



Original Color

41.8218, 39.7405, 50.8138

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.9706, 40.4870, 46.7824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8218, 39.7405, 50.8138 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(186, 162, 184)` looks like.

```
.text, #text, p{  
    color:rgb(186, 162, 184)  
}
```

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(186, 162, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 162, 184) }
```

Border

The CSS property to change the border of an element to XYZ 41.8218, 39.7405, 50.8138 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(186, 162, 184) }
```


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

```
.border{ border-color:rgb(186, 162, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 162, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 162, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 162, 184);  
box-shadow:4px 4px 4px 4px rgb(186, 162,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8218, 39.7405, 50.8138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 162, 184) }
```

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

```
.background{ background-color: rgb(186,  
162, 184) }
```

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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