

Converting Colors

XYZ(41.2465, 42.9214, 48.7082)

Have a look what the booklet for
XYZ(41.2465, 42.9214, 48.7082)
contains.

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Color

**XYZ(41.1772, 42.7569,
48.7305)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AEB3
RGB	176, 174, 179
RGB Percent	69%, 68%, 70%
CMY	0.3098, 0.3176, 0.2980
CMYK	0.02, 0.03, 0.00, 0.30
HSL	264°, 3%, 69%
HSV	264°, 3%, 70%
XYZ	41.1772, 42.7569, 48.7305
YIQ	175.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

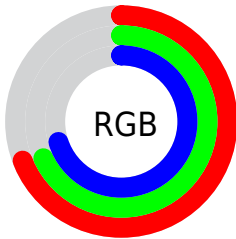
Format	Color
RYB	176, 174, 179
Decimal	11579059
CIELab	71.39, 1.66, -2.31
CIELCh	71, 2.843, 305.606
Yxy	42.7569, 0.3104, 0.3223
Android (android.graphics.Color)	4289769139 (0xFFB0AEB3)
YUV	175.1680, 1.8892, 0.7297
Hunter-Lab	65.3888, -2.0237, 1.5867

Details

The XYZ color **41.1772, 42.7569, 48.7305** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8933, 44.6445, 46.4559**, and the grayscale version is **40.8262, 42.9524, 46.7751**.

A 20% lighter version of the original color is **76.2934, 79.1926, 89.8619**, and **19.0376, 19.7105, 22.5398** is the 20% darker color. If you saturate the color by 10%, you get **35.6126, 35.0932, 47.5452**, and if you desaturate by 10%, it is **47.3976, 51.4452, 50.0803**.

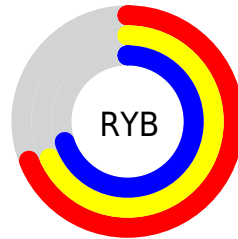
Distribution



Red (69%)

Green (68%)

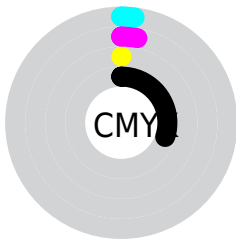
Blue (70%)



Red (69%)

Yellow (68%)

Blue (70%)

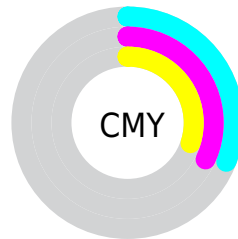


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (30%)



Cyan (31%)

Magenta (32%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1772, 42.7569, 48.7305 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 41.1772, 42.7569, 48.7305 by changing the saturation by 10% instead.

■ 41.1772, 42.7569,
48.7305

■ 41.1772, 42.7569,
48.7305

342.1106,
357.6111, 398.2723

■ 28.6459, 29.6944,
34.0416

■ 76.2258, 79.3439,
89.6679

■ 18.9560, 19.6068,
22.6480

99.4738, 103.6372,
116.7535

■ 11.7423, 12.1095,
14.1309

127.0247,
132.4429, 148.8085

■ 6.6394, 6.8183,
8.0720

159.2439,
166.1454, 186.2513

■ 3.2819, 3.3487,
4.0526

196.4968,
205.1290, 229.5006

■ 1.3046, 1.3164,
1.6543

239.1486,

■ 0.1866, 0.1538,

249.7783, 278.9748

0.3291

287.5647,
300.4775, 335.0925

■ 0.0000, 0.0000,
0.0000

■ 41.1772, 42.7569,
48.7305

■ 41.1772, 42.7569,
48.7305

■ 35.6126, 35.0932,
47.5452

■ 47.3976, 51.4452,
50.0803

■ 30.6774, 28.4100,
46.5153

■ 54.2914, 61.1889,
51.5977

■ 26.3492, 22.6684,
45.6352

■ 61.8802, 72.0245,
53.2892

■ 22.6024, 17.8244,
44.8977

■ 70.1836, 83.9850,
55.1602

■ 19.4096, 13.8306,
44.2951

■ 76.4465, 91.5547,
56.2912

■ 16.7409, 10.6350,
43.8189

■ 79.9978, 93.3855,
56.4574

■ 14.5635, 8.1799,
43.4598

■ 83.7653, 95.3277,
56.6337

■ 12.8400, 6.3991,
43.2069

■ 85.1368, 96.0347,
56.6979

■ 11.5265, 5.2140,
43.0474

Harmonies

Analogous

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



40.7291, 42.7569, 49.2271



41.1772, 42.7569, 48.7305



41.4829, 42.7569, 47.6518

Triad

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



41.1772, 42.7569, 48.7305



41.0204, 42.7569, 44.1961



39.7303, 42.7569, 46.8129

Complementary

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



41.1772, 42.7569, 48.7305



41.8933, 44.6445, 46.4559

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.



39.8069, 42.7569, 45.4751



41.1772, 42.7569, 48.7305



40.5493, 42.7569, 43.9814

Square

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



41.1772, 42.7569, 48.7305



41.3918, 42.7569, 45.0376



40.1058, 42.7569, 44.4452



39.8956, 42.7569, 48.1061

Rectangle

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



41.1772, 42.7569, 48.7305



41.5635, 42.7569, 46.7572



40.1058, 42.7569, 44.4452



39.7286, 42.7569, 46.3534

Sweetspot

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



41.1784, 42.7587, 48.7314



75.6385, 79.2041, 87.6825



41.3324, 43.7321, 48.9112



16.7705, 17.5655, 19.4288



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.



41.1784, 42.7587, 48.7314



73.4755, 76.2001, 87.2167



41.7299, 43.0430, 48.7572



9.0564, 9.3614, 10.8359



7.6825, 3.2963, 30.3683



0.3085, 0.1381, 0.9586

Inverse Universe

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



41.6639, 43.0322, 47.7075



74.4245, 76.7346, 85.2140



41.3475, 44.3632, 46.4303



9.2003, 9.4425, 10.5319



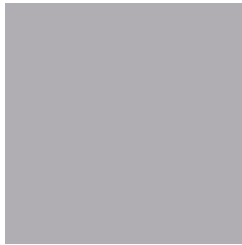
15.0628, 7.5427, 10.7565



0.5018, 0.2485, 0.4852

Previews

White Background



This preview shows how the XYZ color 41.1772, 42.7569, 48.7305 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 41.1772, 42.7569, 48.7305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

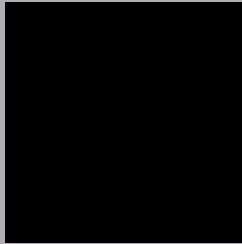
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1772, 42.7569, 48.7305

Background



This preview shows how black text looks on a background with the XYZ color 41.1772, 42.7569, 48.7305.



This preview shows how white text looks on a background with the XYZ color 41.1772, 42.7569,

48.7305.

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

41.1772, 42.7569, 48.7305

Protanopia

41.4042, 42.8739, 48.7411

Deuteranopia

43.4125, 42.4900, 49.0933



Tritanopia

41.9380, 42.7794, 52.5013

Trichromacy



Original Color

41.1772, 42.7569, 48.7305

Protanomaly

41.4042, 42.8739, 48.7411

Deuteranomaly

42.5683, 42.6115, 49.1613

Tritanomaly

41.6223, 42.6531, 50.8389

Monochromacy



Original Color

41.1772, 42.7569, 48.7305

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.8456, 42.9085, 47.2037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1772, 42.7569, 48.7305 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, 174, 179) looks like.

```
.text, #text, p{  
    color:rgb(176, 174, 179)  
}
```

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, 174, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 174, 179) }
```

Border

The CSS property to change the border of an element to XYZ 41.1772, 42.7569, 48.7305 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, 174, 179) }
```


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

```
.border{ border-color:rgb(176, 174, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 174, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 174, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 174, 179);  
box-shadow:4px 4px 4px 4px rgb(176, 174,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1772, 42.7569, 48.7305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 174, 179) }
```

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

```
.background{ background-color: rgb(176,  
174, 179) }
```

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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