

Converting Colors

XYZ(41.1730, 41.8077, 51.8021)

Have a look what the booklet for
XYZ(41.1730, 41.8077, 51.8021)
contains.

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Color

**XYZ(41.2244, 41.8587,
51.8057)**

Conversions

Conversions Part 1

Format	Color
Hex	B0ABB9
RGB	176, 171, 185
RGB Percent	69%, 67%, 73%
CMY	0.3098, 0.3294, 0.2745
CMYK	0.05, 0.08, 0.00, 0.27
HSL	261°, 9%, 70%
HSV	261°, 8%, 73%
XYZ	41.2244, 41.8587, 51.8057
YIQ	174.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

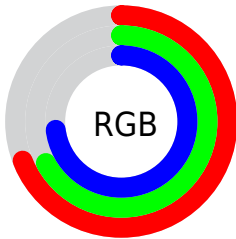
Format	Color
RYB	176, 171, 185
Decimal	11578297
CIELab	70.77, 4.46, -6.53
CIElCh	71, 7.903, 304.323
Yxy	41.8587, 0.3056, 0.3103
Android (android.graphics.Color)	4289768377 (0xFFB0ABB9)
YUV	174.0910, 5.3781, 1.6742
Hunter-Lab	64.6983, 0.5144, -2.1863

Details

The XYZ color **41.2244, 41.8587, 51.8057** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.5235, 47.3425, 45.3742**, and the grayscale version is **40.2537, 42.3500, 46.1192**.

A 20% lighter version of the original color is **76.3523, 77.8994, 94.2310**, and **19.0739, 19.1447, 24.5198** is the 20% darker color. If you saturate the color by 10%, you get **35.3992, 34.0271, 50.6017**, and if you desaturate by 10%, it is **47.7768, 50.7935, 53.1856**.

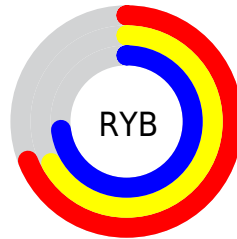
Distribution



Red (69%)

Green (67%)

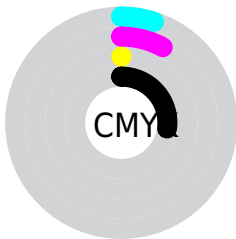
Blue (73%)



Red (69%)

Yellow (67%)

Blue (73%)

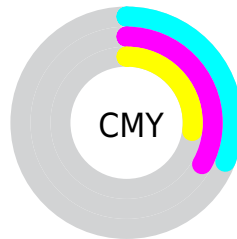


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2244, 41.8587, 51.8057 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 41.2244, 41.8587, 51.8057 by changing the saturation by 10% instead.

■ 41.2244, 41.8587,
51.8057

■ 41.2244, 41.8587,
51.8057

342.3042,
353.8969, 410.6216

■ 28.6829, 28.9907,
36.4691

■ 76.2970, 77.9857,
94.2683

■ 18.9842, 19.0738,
24.5041

99.5588, 102.0135,
122.2313

■ 11.7628, 11.7236,
15.4923

127.1247,
130.5300, 155.2402

■ 6.6534, 6.5558,
9.0152

159.3602,
163.9196, 193.7135

■ 3.2907, 3.1859,
4.6541

196.6305,
202.5667, 238.0698

■ 1.3093, 1.2295,
1.9906

239.3011,

■ 0.1902, 0.0856,

246.8557, 288.7275

0.5495

287.7372,
297.1709, 346.1053

■ 0.0000, 0.0000,
0.0000

■ 41.2244, 41.8587,
51.8057

■ 41.2244, 41.8587,
51.8057

■ 35.3992, 34.0271,
50.6017

■ 47.7768, 50.7935,
53.1856

■ 30.2714, 27.2500,
49.5639

■ 55.0776, 60.8673,
54.7452

■ 25.8142, 21.4826,
48.6856

■ 63.1517, 72.1207,
56.4918

■ 21.9979, 16.6749,
47.9587

■ 72.0214, 84.5907,
58.4313

■ 18.7902, 12.7727,
47.3746

■ 78.9351, 92.7660,
59.6449

■ 16.1558, 9.7160,
46.9234

■ 83.0054, 94.8643,
59.8354

■ 14.0553, 7.4373,
46.5943

■ 85.7571, 96.2828,
59.9641

■ 12.4435, 5.8582,
46.3745

■ 11.2566, 4.8639,
46.2451

Harmonies

Analogous

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



39.9758, 41.8587, 53.1648



41.2244, 41.8587, 51.8057



42.1018, 41.8587, 48.7786

Triad

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



41.2244, 41.8587, 51.8057



40.8882, 41.8587, 39.3728



37.3234, 41.8587, 46.1236

Complementary

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



41.2244, 41.8587, 51.8057



43.5235, 47.3425, 45.3742

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.



37.5556, 41.8587, 42.5187



41.2244, 41.8587, 51.8057



39.5956, 41.8587, 38.7479

Square

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



41.2244, 41.8587, 51.8057



41.9047, 41.8587, 41.6247



38.3804, 41.8587, 39.8687



37.7389, 41.8587, 49.7719

Rectangle

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



41.2244, 41.8587, 51.8057



42.3480, 41.8587, 46.2952



38.3804, 41.8587, 39.8687



37.3284, 41.8587, 44.8663

Sweetspot

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



41.2256, 41.8605, 51.8066



80.1626, 83.5751, 94.1112



41.8944, 44.8450, 52.3474



17.3085, 18.0540, 20.2941



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



41.2256, 41.8605, 51.8066



72.0986, 72.6234, 92.4223



42.8258, 42.6854, 51.8815



8.8156, 8.8713, 11.3271



7.5679, 3.2126, 31.4743



0.3356, 0.1487, 1.1128

Inverse Universe

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



42.8101, 42.7372, 49.1747



75.5029, 74.5076, 86.7440



41.9568, 46.5349, 45.3009



9.2411, 9.1068, 10.6171



15.9242, 7.9434, 12.7534



0.5897, 0.2914, 0.5989

Previews

White Background



This preview shows how the XYZ color 41.2244, 41.8587, 51.8057 looks on a white background.

Color Contrast Check

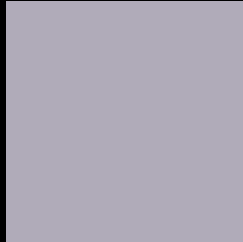
Large Text (above 18pt) WCAG AA × Fail

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 41.2244, 41.8587, 51.8057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

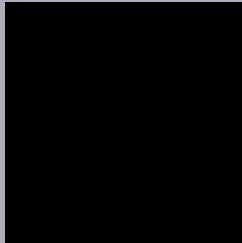
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2244, 41.8587, 51.8057

Background



This preview shows how black text looks on a background with the XYZ color 41.2244, 41.8587, 51.8057.



This preview shows how white text looks on a background with the XYZ color 41.2244, 41.8587,

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

41.2244, 41.8587, 51.8057

Protanopia

40.8490, 41.9345, 52.3956

Deuteranopia

42.6327, 41.7408, 52.2642



Tritanopia

41.2244, 41.8587, 51.8057

Trichromacy



Original Color

41.2244, 41.8587, 51.8057

Protanomaly

41.0710, 42.0489, 52.4059

Deuteranomaly

42.1069, 41.7449, 52.2927

Tritanomaly

41.2244, 41.8587, 51.8057

Monochromacy



Original Color

41.2244, 41.8587, 51.8057

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.6586, 42.2155, 48.1249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2244, 41.8587, 51.8057 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, 171, 185)` looks like.

```
.text, #text, p{  
    color:rgb(176, 171, 185)  
}
```

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, 171, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 171, 185) }
```

Border

The CSS property to change the border of an element to XYZ 41.2244, 41.8587, 51.8057 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, 171, 185) }
```


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

```
.border{ border-color:rgb(176, 171, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 171, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 171, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 171, 185);  
box-shadow:4px 4px 4px 4px rgb(176, 171,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2244, 41.8587, 51.8057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 171, 185) }
```

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

```
.background{ background-color: rgb(176,  
171, 185) }
```

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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