

Converting Colors

XYZ(41.9324, 44.0496, 48.4998)

Have a look what the booklet for
XYZ(41.9324, 44.0496, 48.4998)
contains.

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Color

**XYZ(41.8895, 44.0057,
48.4056)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B1B2
RGB	177, 177, 178
RGB Percent	69%, 69%, 70%
CMY	0.3059, 0.3059, 0.3020
CMYK	0.01, 0.01, 0.00, 0.30
HSL	240°, 1%, 70%
HSV	240°, 1%, 70%
XYZ	41.8895, 44.0057, 48.4056
YIQ	177.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

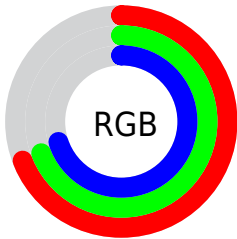
Format	Color
RYB	177, 177, 178
Decimal	11645362
CIELab	72.23, 0.19, -0.52
CIElCh	72, 0.552, 290.354
Yxy	44.0057, 0.3119, 0.3277
Android (android.graphics.Color)	4289835442 (0xFFB1B1B2)
YUV	177.1140, 0.4368, -0.1000
Hunter-Lab	66.3368, -3.3725, 3.1722

Details

The XYZ color **41.8895, 44.0057, 48.4056** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2164, 44.4797, 47.9561**, and the grayscale version is **41.8488, 44.0282, 47.9467**.

A 20% lighter version of the original color is **77.5945, 81.5420, 89.4914**, and **19.2215, 20.1811, 22.2843** is the 20% darker color. If you saturate the color by 10%, you get **34.8154, 35.4887, 47.1352**, and if you desaturate by 10%, it is **49.9511, 53.7114, 49.8548**.

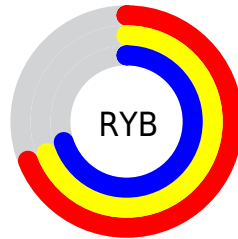
Distribution



Red (69%)

Green (69%)

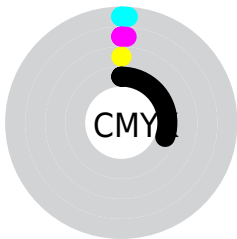
Blue (70%)



Red (69%)

Yellow (69%)

Blue (70%)

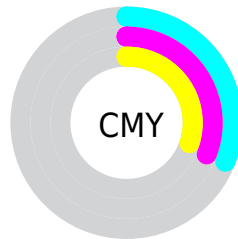


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (30%)



Cyan (31%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8895, 44.0057, 48.4056 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 41.8895, 44.0057, 48.4056 by changing the saturation by 10% instead.

■ 41.8895, 44.0057,
48.4056

■ 41.8895, 44.0057,
48.4056

345.0241,
362.7315, 396.9526

■ 29.2055, 30.6750,
33.7859

■ 77.2986, 81.2263,
89.1798

■ 19.3814, 20.3515,
22.4532

100.7544,
105.8850, 116.1715

■ 12.0518, 12.6508,
13.9888

128.5315,
135.0885, 148.1242

■ 6.8514, 7.1885,
7.9742

160.9952,
169.2212, 185.4565

■ 3.4149, 3.5803,
3.9909

198.5110,
208.6674, 228.5869

■ 1.3768, 1.4417,
1.6204

241.4442,

■ 0.2396, 0.2471,

253.8116, 277.9341

0.3053

290.1601,
305.0382, 333.9164

■ 0.0000, 0.0000,
0.0000

■ 41.8895, 44.0057,
48.4056

■ 41.8895, 44.0057,
48.4056

■ 34.8154, 35.4887,
47.1352

■ 49.9511, 53.7114,
49.8548

■ 28.6874, 28.1095,
46.0338

■ 59.0323, 64.6433,
51.4862

■ 23.4665, 21.8215,
45.0953

■ 69.1682, 76.8438,
53.3069

■ 19.1095, 16.5730,
44.3119

■ 80.3911, 90.3520,
55.3227

■ 15.5701, 12.3081,
43.6752

■ 85.0360, 95.9944,
56.1670

■ 12.7971, 8.9655,
43.1762

■ 10.7339, 6.4772,
42.8046

■ 9.3162, 4.7658,
42.5490

■ 8.4676, 3.7398,
42.3957

Harmonies

Analogous

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



41.7956, 44.0057, 48.4310



41.8895, 44.0057, 48.4056



41.9665, 44.0057, 48.2484

Triad

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



41.8895, 44.0057, 48.4056



41.9425, 44.0057, 47.5141



41.6467, 44.0057, 47.8273

Complementary

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



41.8895, 44.0057, 48.4056



42.2164, 44.4797, 47.9561

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.



41.6860, 44.0057, 47.5826



41.8895, 44.0057, 48.4056



41.8566, 44.0057, 47.4022

Square

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



41.8895, 44.0057, 48.4056



41.9971, 44.0057, 47.7335



41.7628, 44.0057, 47.4272



41.6555, 44.0057, 48.0964

Rectangle

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



41.8895, 44.0057, 48.4056



41.9979, 44.0057, 48.0904



41.7628, 44.0057, 47.4272



41.6547, 44.0057, 47.7395

Sweetspot

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



41.8907, 44.0076, 48.4066



76.7382, 80.7346, 87.9200



42.0868, 44.4023, 48.4636



17.0014, 17.8868, 19.4787



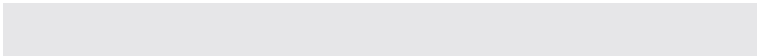
86.6293, 91.1408, 99.2523

Same Dimension

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



41.8907, 44.0076, 48.4066



75.3423, 79.0539, 87.6691



42.0005, 44.0634, 48.4115



9.3915, 9.8564, 10.9138



5.7542, 2.3087, 30.2793



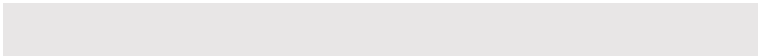
0.1816, 0.0738, 0.9529

Inverse Universe

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



42.0190, 44.0845, 47.8916



75.7624, 79.3057, 85.9829



42.1063, 44.4237, 47.9511



9.4394, 9.8851, 10.7214



13.1391, 6.7732, 0.6265



0.4137, 0.2132, 0.0213

Previews

White Background



This preview shows how the XYZ color 41.8895, 44.0057, 48.4056 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 41.8895, 44.0057, 48.4056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

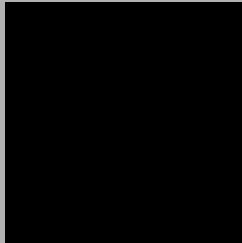
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8895, 44.0057, 48.4056

Background



This preview shows how black text looks on a background with the XYZ color 41.8895, 44.0057, 48.4056.

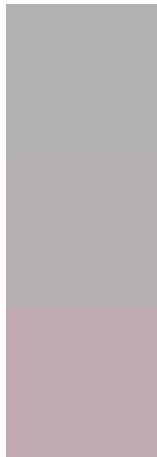


This preview shows how white text looks on a background with the XYZ color 41.8895, 44.0057,

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

41.8895, 44.0057, 48.4056

Protanopia

42.3836, 43.9683, 48.3724

Deuteranopia

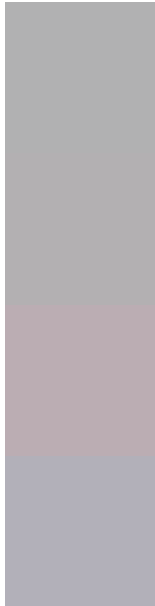
44.6919, 43.7179, 48.7307



Tritanopia

43.1057, 43.9178, 54.3492

Trichromacy



Original Color

41.8895, 44.0057, 48.4056

Protanomaly

42.1516, 43.8487, 48.3615

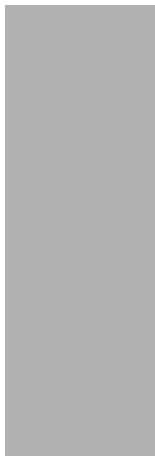
Deuteranomaly

43.5738, 43.7066, 48.7875

Tritanomaly

42.6424, 44.0184, 52.1479

Monochromacy



Original Color

41.8895, 44.0057, 48.4056

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.7894, 43.9657, 47.8787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8895, 44.0057, 48.4056 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(177, 177, 178)` looks like.

```
.text, #text, p{  
    color:rgb(177, 177, 178)  
}
```

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(177, 177, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 177, 178) }
```

Border

The CSS property to change the border of an element to XYZ 41.8895, 44.0057, 48.4056 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(177, 177, 178) }
```

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

```
.border{ border-color:rgb(177, 177, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 177, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 177, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 177, 178);  
box-shadow:4px 4px 4px 4px rgb(177, 177,  
178) }
```


Background

The CSS property to change the background color of an element to XYZ 41.8895, 44.0057, 48.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 177, 178) }
```

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

```
.background{ background-color: rgb(177,  
177, 178) }
```

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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