

Converting Colors

XYZ(42.2482, 44.2745, 51.0118)

Have a look what the booklet for
XYZ(42.2482, 44.2745, 51.0118)
contains.

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Color

**XYZ(42.1739, 44.0933,
51.0878)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B1B7
RGB	176, 177, 183
RGB Percent	69%, 69%, 72%
CMY	0.3098, 0.3059, 0.2823
CMYK	0.04, 0.03, 0.00, 0.28
HSL	231°, 5%, 70%
HSV	231°, 4%, 72%
XYZ	42.1739, 44.0933, 51.0878
YIQ	177.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

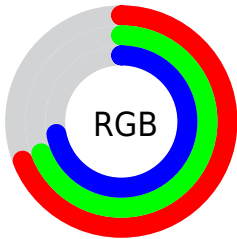
Format	Color
RYB	176, 177, 183
Decimal	11579831
CIELab	72.29, 0.80, -3.19
CIElCh	72, 3.284, 284.081
Yxy	44.0933, 0.3070, 0.3210
Android (android.graphics.Color)	4289769911 (0xFFB0B1B7)
YUV	177.3850, 2.7682, -1.2146
Hunter-Lab	66.4028, -2.8355, 0.8665

Details

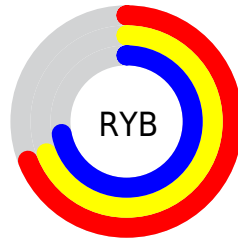
The XYZ color **42.1739, 44.0933, 51.0878** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.0930, 46.6573, 47.7568**, and the grayscale version is **41.9803, 44.1665, 48.0974**.

A 20% lighter version of the original color is **77.9976, 81.6656, 93.3135**, and **19.5491, 20.3121, 24.0094** is the 20% darker color. If you saturate the color by 10%, you get **35.3911, 36.2616, 49.9343**, and if you desaturate by 10%, it is **49.8729, 52.9280, 52.3880**.

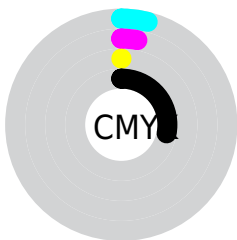
Distribution



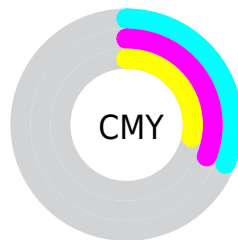
- Red (69%)
- Green (69%)
- Blue (72%)



- Red (69%)
- Yellow (69%)
- Blue (72%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (31%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1739, 44.0933, 51.0878 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 42.1739, 44.0933, 51.0878 by changing the saturation by 10% instead.

■ 42.1739, 44.0933,
51.0878

■ 42.1739, 44.0933,
51.0878

346.1827,
363.0889, 407.7611

■ 29.4292, 30.7439,
35.9013

■ 77.7263, 81.3581,
93.1974

■ 19.5516, 20.4039,
24.0689

101.2646,
106.0423, 120.9575

■ 12.1759, 12.6890,
15.1720

129.1316,
135.2735, 153.7459

■ 6.9367, 7.2147,
8.7923

161.6925,
169.4361, 191.9811

■ 3.4685, 3.5967,
4.5110

199.3127,
208.9146, 236.0817

■ 1.4061, 1.4506,
1.9096

242.3576,

■ 0.2606, 0.2536,

254.0933, 286.4662

0.4989

291.1924,
305.3566, 343.5532

■ 0.0000, 0.0000,
0.0000

■ 42.1739, 44.0933,
51.0878

■ 42.1739, 44.0933,
51.0878

■ 35.3911, 36.2616,
49.9343

■ 49.8729, 52.9280,
52.3880

■ 29.4866, 29.3918,
48.9195

■ 58.5165, 62.7936,
53.8366

■ 24.4252, 23.4483,
48.0390

■ 68.1369, 73.7240,
55.4394

■ 20.1683, 18.3911,
47.2873

■ 78.7633, 85.7499,
57.2005

■ 16.6737, 14.1774,
46.6581

■ 85.5474, 96.1989,
58.8598

■ 13.8959, 10.7606,
46.1450

■ 11.7840, 8.0897,
45.7408

■ 10.2804, 6.1074,
45.4374

■ 9.3172, 4.7478,
45.2258

Harmonies

Analogous

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



41.6125, 44.0933, 51.0609



42.1739, 44.0933, 51.0878



42.6688, 44.0933, 50.2772

Triad

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



42.1739, 44.0933, 51.0878



42.6937, 44.0933, 45.8806



40.8745, 44.0933, 47.1628

Complementary

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



42.1739, 44.0933, 51.0878



44.0930, 46.6573, 47.7568

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.



41.1590, 44.0933, 45.8122



42.1739, 44.0933, 51.0878



42.2077, 44.0933, 45.0833

Square

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



42.1739, 44.0933, 51.0878



42.9707, 44.0933, 47.2580



41.6459, 44.0933, 45.0586



40.8657, 44.0933, 48.7701

Rectangle

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



42.1739, 44.0933, 51.0878



42.8929, 44.0933, 49.3813



41.6459, 44.0933, 45.0586



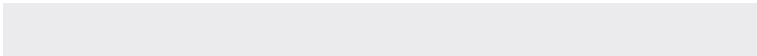
40.9410, 44.0933, 46.6646

Sweetspot

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



42.1752, 44.0952, 51.0888



79.2381, 83.2321, 92.1248



43.2770, 46.4731, 50.9188



17.5169, 18.4014, 20.3502



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.



42.1752, 44.0952, 51.0888



73.9173, 77.1112, 91.2238



42.5368, 43.9886, 51.0491



9.2025, 9.5911, 11.4457



6.2551, 2.9699, 31.4966



0.2538, 0.1713, 1.1214

Inverse Universe

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



42.9906, 44.2931, 47.8808



75.8434, 77.5846, 83.6447



43.7214, 46.7717, 47.7985



9.4684, 9.6568, 10.3991



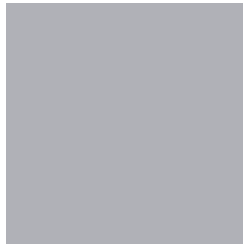
13.7710, 7.0821, 1.4147



0.5023, 0.2564, 0.1384

Previews

White Background



This preview shows how the XYZ color 42.1739, 44.0933, 51.0878 looks on a white background.

Color Contrast Check

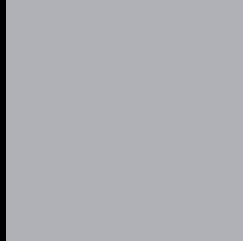
Large Text (above 18pt) WCAG AA × Fail

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 42.1739, 44.0933, 51.0878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

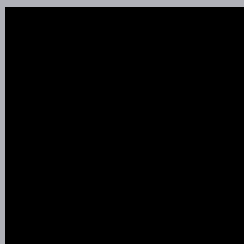
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

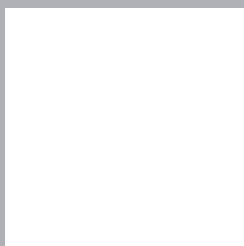
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1739, 44.0933, 51.0878

Background



This preview shows how black text looks on a background with the XYZ color 42.1739, 44.0933, 51.0878.



This preview shows how white text looks on a background with the XYZ color 42.1739, 44.0933,

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

42.1739, 44.0933, 51.0878

Protanopia

42.6630, 44.0533, 51.0543

Deuteranopia

44.8901, 44.0421, 51.4824



Tritanopia

42.9511, 44.1155, 54.9666

Trichromacy



Original Color

42.1739, 44.0933, 51.0878

Protanomaly

42.4327, 43.9345, 51.0435

Deuteranomaly

44.0375, 44.1719, 51.5524

Tritanomaly

42.6264, 43.9856, 53.2571

Monochromacy



Original Color

42.1739, 44.0933, 51.0878

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.9903, 44.0461, 48.9364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1739, 44.0933, 51.0878 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, 177, 183)` looks like.

```
.text, #text, p{  
    color:rgb(176, 177, 183)  
}
```

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, 177, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 177, 183) }
```

Border

The CSS property to change the border of an element to XYZ 42.1739, 44.0933, 51.0878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

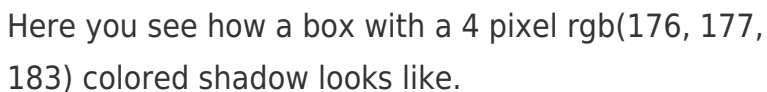
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 177, 183) }
```


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

```
.border{ border-color:rgb(176, 177, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 177, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 177, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 177, 183);  
box-shadow:4px 4px 4px 4px rgb(176, 177,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1739, 44.0933, 51.0878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 177, 183) }
```

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

```
.background{ background-color: rgb(176,  
177, 183) }
```

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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