

Converting Colors

XYZ(42.0071, 44.0441, 47.8144)

Have a look what the booklet for
XYZ(42.0071, 44.0441, 47.8144)
contains.

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Color

**XYZ(42.0180, 44.0836,
47.8894)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B1B1
RGB	178, 177, 177
RGB Percent	70%, 69%, 69%
CMY	0.3020, 0.3059, 0.3059
CMYK	0.00, 0.01, 0.01, 0.30
HSL	0°, 1%, 70%
HSV	0°, 1%, 70%
XYZ	42.0180, 44.0836, 47.8894
YIQ	177.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

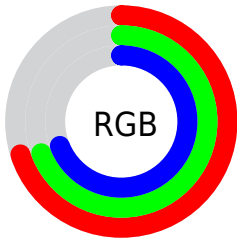
Format	Color
RYB	178, 177, 177
Decimal	11710897
CIELab	72.28, 0.36, 0.12
CIELCh	72, 0.375, 18.101
Yxy	44.0836, 0.3136, 0.3290
Android (android.graphics.Color)	4289900977 (0xFFB2B1B1)
YUV	177.2990, -0.1474, 0.6148
Hunter-Lab	66.3955, -3.2294, 3.7124

Details

The XYZ color **42.0180, 44.0836, 47.8894** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0877, 44.4015, 48.4720**, and the grayscale version is **41.9487, 44.1333, 48.0611**.

A 20% lighter version of the original color is **77.7786, 81.6534, 88.7521**, and **19.3032, 20.2305, 21.9563** is the 20% darker color. If you saturate the color by 10%, you get **37.0788, 36.8613, 38.0532**, and if you desaturate by 10%, it is **47.6469, 52.3138, 59.0984**.

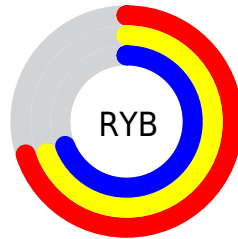
Distribution



Red (70%)

Green (69%)

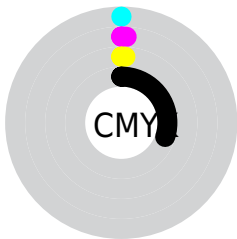
Blue (69%)



Red (70%)

Yellow (69%)

Blue (69%)

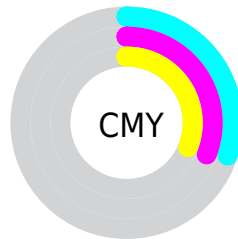


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (30%)



Cyan (30%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0180, 44.0836, 47.8894 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 42.0180, 44.0836, 47.8894 by changing the saturation by 10% instead.

■ 42.0180, 44.0836,
47.8894

■ 42.0180, 44.0836,
47.8894

345.5479,
363.0493, 394.8496

■ 29.3066, 30.7362,
33.3799

■ 77.4919, 81.3435,
88.4035

■ 19.4583, 20.3981,
22.1442

100.9850,
106.0249, 115.2453

■ 12.1079, 12.6847,
13.7635

128.8027,
135.2530, 147.0349

■ 6.8899, 7.2118,
7.8195

161.3104,
169.4123, 184.1909

■ 3.4391, 3.5949,
3.8936

198.8734,
208.8872, 227.1319

■ 1.3900, 1.4497,
1.5671

241.8571,

■ 0.2491, 0.2529,

254.0621, 276.2763

0.2672

290.6268,
305.3213, 332.0427

■ 0.0000, 0.0000,
0.0000

■ 42.0180, 44.0836,
47.8894

■ 42.0180, 44.0836,
47.8894

■ 37.0788, 36.8613,
38.0532

■ 47.6469, 52.3138,
59.0984

■ 32.7992, 30.6026,
29.5343

■ 53.9867, 61.5824,
71.7271

■ 29.1524, 25.2687,
22.2776

■ 61.0623, 71.9260,
85.8237

■ 26.1085, 20.8156,
16.2232

■ 68.8961, 83.3774,
101.4333

■ 23.6349, 17.1960,
11.3062

■ 72.1703, 88.2051,
107.8292

■ 21.6963, 14.3581,
7.4555

■ 20.2531, 12.2444,
4.5923

■ 19.2604, 10.7893,
2.6266

■ 18.6652, 9.9155,
1.4523

Harmonies

Analogous

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



42.0215, 44.0836, 48.0727



42.0180, 44.0836, 47.8894



41.9829, 44.0836, 47.7360

Triad

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



42.0180, 44.0836, 47.8894



41.8080, 44.0836, 47.7630



41.8746, 44.0836, 48.3475

Complementary

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



42.0180, 44.0836, 47.8894



42.0877, 44.4015, 48.4720

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.



41.8175, 44.0836, 48.2641



42.0180, 44.0836, 47.8894



41.7790, 44.0836, 47.9264

Square

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



42.0180, 44.0836, 47.8894



41.8617, 44.0836, 47.6631



41.7825, 44.0836, 48.1099



41.9386, 44.0836, 48.3376

Rectangle

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



42.0180, 44.0836, 47.8894



41.9464, 44.0836, 47.6711



41.7825, 44.0836, 48.1099



41.8540, 44.0836, 48.3295

Sweetspot

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



42.0192, 44.0855, 47.8904



76.7382, 80.7346, 87.9200



42.1186, 44.1243, 48.4168



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.



42.0192, 44.0855, 47.8904



75.7635, 79.3094, 85.9790



42.1175, 44.2820, 47.9231



9.4395, 9.8855, 10.7209



13.1421, 6.7828, 0.6165



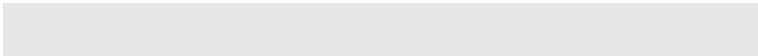
0.4142, 0.2148, 0.0196

Inverse Universe

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



42.0877, 44.4015, 48.4720



75.9876, 80.3446, 87.8842



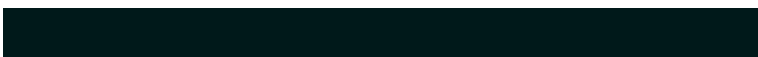
41.9890, 44.2042, 48.4391



9.4651, 10.0036, 10.9384



17.0621, 24.9246, 34.0487



0.5376, 0.7857, 1.0716

Previews

White Background



This preview shows how the XYZ color 42.0180, 44.0836, 47.8894 looks on a white background.

Color Contrast Check

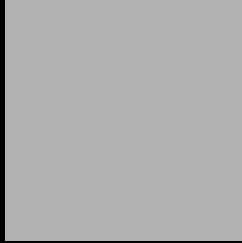
Large Text (above 18pt) WCAG AA × Fail

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 42.0180, 44.0836, 47.8894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

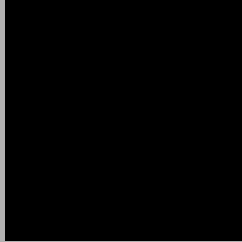
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0180, 44.0836, 47.8894

Background



This preview shows how black text looks on a background with the XYZ color 42.0180, 44.0836, 47.8894.



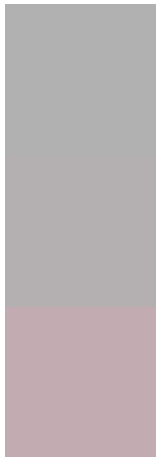
This preview shows how white text looks on a background with the XYZ color 42.0180, 44.0836,

47.8894.

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

42.0180, 44.0836, 47.8894

Protanopia

42.2835, 43.9283, 47.8454

Deuteranopia

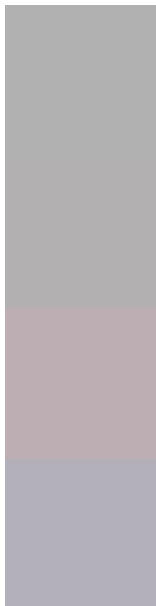
45.0365, 44.1887, 48.2751



Tritanopia

43.3377, 44.0374, 54.3600

Trichromacy



Original Color

42.0180, 44.0836, 47.8894

Protanomaly

42.0516, 43.8087, 47.8345

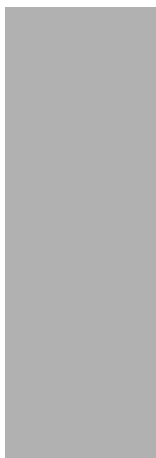
Deuteranomaly

43.9110, 44.1778, 48.3323

Tritanomaly

42.8727, 44.1372, 52.1586

Monochromacy



Original Color

42.0180, 44.0836, 47.8894

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 42.0180, 44.0836, 47.8894 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(178, 177, 177)` looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 42.0180, 44.0836, 47.8894 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(178, 177, 177) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 42.0180, 44.0836, 47.8894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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