

Converting Colors

XYZ(17.0893, 17.1478, 18.8934)

Have a look what the booklet for
XYZ(17.0893, 17.1478, 18.8934)
contains.

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Color

**XYZ(17.0836, 17.2088,
18.9442)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7174
RGB	122, 113, 116
RGB Percent	48%, 44%, 45%
CMY	0.5216, 0.5569, 0.5451
CMYK	0.00, 0.07, 0.05, 0.52
HSL	340°, 4%, 46%
HSV	340°, 7%, 48%
XYZ	17.0836, 17.2088, 18.9442
YIQ	116.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

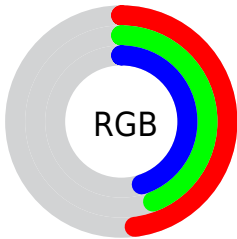
Format	Color
R_{YB}	122, 113, 116
Decimal	8024436
CIE Lab	48.52, 4.06, -0.41
CIE LCh	49, 4.082, 354.269
Yxy	17.2088, 0.3209, 0.3233
Android (android.graphics.Color)	4286214516 (0xFF7A7174)
YUV	116.0330, -0.0163, 5.2331
Hunter-Lab	41.4835, 0.9132, 1.9626

Details

The XYZ color **17.0836, 17.2088, 18.9442** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1001, 18.7622, 20.1740**, and the grayscale version is **16.6101, 17.4751, 19.0304**.

A 20% lighter version of the original color is **37.9786, 38.7361, 42.5209**, and **5.6813, 5.6144, 6.2531** is the 20% darker color. If you saturate the color by 10%, you get **15.3604, 14.4866, 16.1364**, and if you desaturate by 10%, it is **19.0323, 20.3151, 22.0321**.

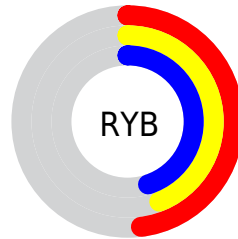
Distribution



Red (48%)

Green (44%)

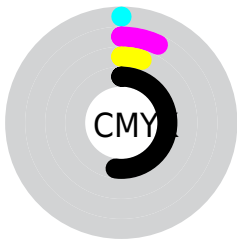
Blue (45%)



Red (48%)

Yellow (44%)

Blue (45%)

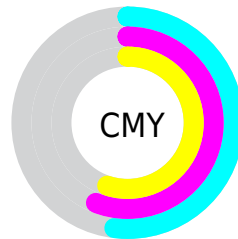


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (52%)



Cyan (52%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0836, 17.2088, 18.9442 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 17.0836, 17.2088, 18.9442 by changing the saturation by 10% instead.

■ 17.0836, 17.2088,
18.9442

■ 17.0836, 17.2088,
18.9442

228.8005,
236.3728, 258.5530

■ 10.3898, 10.3835,
11.4536

■ 38.0119, 38.6844,
42.4752

■ 5.7224, 5.6539,
6.2548

■ 52.9771, 54.1035,
59.3527

■ 2.7161, 2.6358,
2.9293

■ 71.4302, 73.1560,
80.1962

■ 1.0055, 0.9447,
1.0587

■ 93.7364, 96.2262,
105.4243

■ 0.0000, 0.0000,
0.0000

120.2612,
123.6986, 135.4554

151.3700,

155.9576, 170.7083

187.4279,
193.3875, 211.6013

■ 17.0836, 17.2088,
18.9442

■ 17.0836, 17.2088,
18.9442

■ 15.3604, 14.4866,
16.1364

■ 19.0323, 20.3151,
22.0321

■ 13.8528, 12.1313,
13.5995

■ 21.2128, 23.8172,
25.4066

■ 12.5525, 10.1278,
11.3257

■ 23.6331, 27.7295,
29.0755

■ 11.4501, 8.4590,
9.3060

■ 26.3003, 32.0645,
33.0458

■ 10.5354, 7.1063,
7.5310

■ 29.2213, 36.8345,
37.3243

■ 9.7971, 6.0494,
5.9910

■ 32.4027, 42.0512,
41.9177

■ 9.2228, 5.2657,
4.6750

■ 35.8507, 47.7259,
46.8323

■ 8.7984, 4.7290,
3.5713

■ 39.5714, 53.8693,
52.0743

■ 8.4930, 4.3800,
2.6622

■ 43.5709, 60.4921,
57.6498

Harmonies

Analogous

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



16.9481, 17.2088, 19.9680



17.0836, 17.2088, 18.9442



17.0219, 17.2088, 17.9024

Triad

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



17.0836, 17.2088, 18.9442



16.0622, 17.2088, 16.9192



15.9394, 17.2088, 20.4623

Complementary

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



17.0836, 17.2088, 18.9442



17.1001, 18.7622, 20.1740

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.



15.7086, 17.2088, 19.5981



17.0836, 17.2088, 18.9442



15.7787, 17.2088, 17.5585

Square

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



17.0836, 17.2088, 18.9442



16.4285, 17.2088, 16.7591



15.6502, 17.2088, 18.5322



16.2846, 17.2088, 20.8657

Rectangle

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



17.0836, 17.2088, 18.9442



16.8776, 17.2088, 17.3342



15.6502, 17.2088, 18.5322



15.8461, 17.2088, 20.2145

Sweetspot

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



17.0841, 17.2095, 18.9446



31.8313, 33.1013, 36.1602



17.0264, 17.1382, 20.8233



7.2904, 7.5880, 8.2873



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.0841, 17.2095, 18.9446



29.4678, 29.3442, 32.3823



17.0812, 17.4783, 18.0970



4.0483, 4.0350, 4.4519



8.8614, 4.5207, 2.5612



41.9124, 21.4213, 10.3347

Inverse Universe

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



17.0841, 17.2095, 18.9446



29.4678, 29.3442, 32.3823



17.1003, 18.4700, 21.0765



4.0483, 4.0350, 4.4519



8.8614, 4.5207, 2.5612



41.9124, 21.4213, 10.3347

Previews

White Background



This preview shows how the XYZ color 17.0836, 17.2088, 18.9442 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 17.0836, 17.2088, 18.9442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

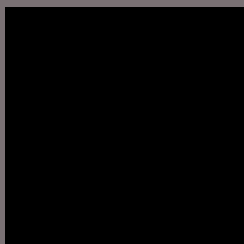
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0836, 17.2088, 18.9442

Background



This preview shows how black text looks on a background with the XYZ color 17.0836, 17.2088, 18.9442.



This preview shows how white text looks on a background with the XYZ color 17.0836, 17.2088,

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

17.0836, 17.2088, 18.9442

Protanopia

16.6777, 17.3277, 19.2952

Deuteranopia

17.5507, 17.2849, 18.9343



Tritanopia

17.4137, 17.1798, 20.4874

Trichromacy



Original Color

17.0836, 17.2088, 18.9442

Protanomaly

16.8359, 17.2409, 19.2701

Deuteranomaly

17.4040, 17.2093, 18.9274

Tritanomaly

17.2923, 17.1312, 19.8480

Monochromacy



Original Color

17.0836, 17.2088, 18.9442

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.7543, 17.3740, 18.9935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0836, 17.2088, 18.9442 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(122, 113, 116)` looks like.

```
.text, #text, p{  
    color:rgb(122, 113, 116)  
}
```

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(122, 113, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 113, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.0836, 17.2088, 18.9442 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(122, 113, 116) }
```


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

```
.border{ border-color:rgb(122, 113, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 113, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 113, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 113, 116);  
box-shadow:4px 4px 4px 4px rgb(122, 113,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0836, 17.2088, 18.9442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 113, 116) }
```

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

```
.background{ background-color: rgb(122,  
113, 116) }
```

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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