

Converting Colors

XYZ(17.4451, 22.4099, 3.9171)

Have a look what the booklet for
XYZ(17.4451, 22.4099, 3.9171)
contains.

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Color

**XYZ(17.5018, 22.5025,
3.9513)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8A11
RGB	124, 138, 17
RGB Percent	49%, 54%, 7%
CMY	0.5137, 0.4588, 0.9333
CMYK	0.10, 0.00, 0.88, 0.46
HSL	67°, 78%, 30%
HSV	67°, 88%, 54%
XYZ	17.5018, 22.5025, 3.9513
YIQ	120.0200, 30.4970, -40.5990

Conversions

Conversions Part 2

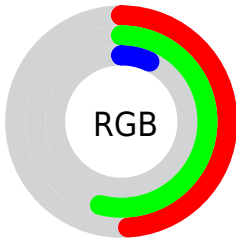
Format	Color
RYB	17, 138, 31
Decimal	8161809
CIELab	54.56, -19.66, 55.43
CIElCh	55, 58.818, 109.531
Yxy	22.5025, 0.3982, 0.5119
Android (android.graphics.Color)	4286351889 (0xFF7C8A11)
YUV	120.0200, -50.7889, 3.4905
Hunter-Lab	47.4368, -17.1569, 28.2671

Details

The XYZ color **17.5018, 22.5025, 3.9513** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.3537, 2.5277, 24.2519**, and the grayscale version is **18.0103, 18.9482, 20.6346**.

A 20% lighter version of the original color is **38.7577, 47.4867, 13.9606**, and **6.0883, 8.3190, 1.2849** is the 20% darker color. If you saturate the color by 10%, you get **17.1897, 22.3520, 3.5005**, and if you desaturate by 10%, it is **17.8786, 22.6809, 4.7186**.

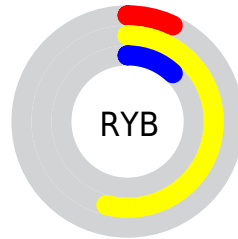
Distribution



Red (49%)

Green (54%)

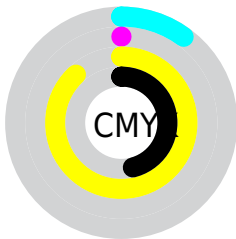
Blue (7%)



Red (7%)

Yellow (54%)

Blue (12%)

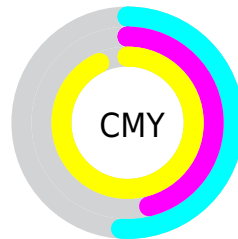


Cyan (10%)

Magenta (0%)

Yellow (88%)

Black (46%)



Cyan (51%)

Magenta (46%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5018, 22.5025, 3.9513 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 17.5018, 22.5025, 3.9513 by changing the saturation by 10% instead.

■ 17.5018, 22.5025,
3.9513

■ 17.5018, 22.5025,
3.9513

231.1480,
265.1593, 147.6825

■ 10.6904, 14.2266,
1.5987

■ 38.7233, 47.5751,
13.8973

■ 5.9248, 8.2784,
0.2899

■ 53.8642, 65.1406,
22.3277

■ 2.8396, 4.2736,
0.0000

■ 72.5122, 86.5715,
33.6212

■ 1.0695, 1.8278,
0.0000

■ 95.0329, 112.2520,
48.1962

■ 0.0000, 0.5044,
0.0000

■ 121.7914,
142.5667, 66.4713

■ 0.0000, 0.0000,
0.0000

■ 153.1532,

177.8999, 88.8650

■ 189.4836,
218.6360, 115.7959

■ 17.5018, 22.5025,
3.9513

■ 17.5018, 22.5025,
3.9513

■ 17.1897, 22.3520,
3.5005

■ 17.8786, 22.6809,
4.7186

■ 17.1194, 22.3178,
3.4055

■ 18.3364, 22.8914,
5.8953

■ 18.8847, 23.1385,
7.5285

■ 19.5312, 23.4252,
9.6588

■ 20.2826, 23.7544,
12.3221

■ 21.1452, 24.1286,
15.5512

■ 22.1248, 24.5499,
19.3760

■ 23.2267, 25.0206,
23.8245

■ 24.4558, 25.5427,
28.9229

Harmonies

Analogous

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



23.7230, 22.5025, 3.5362



17.5018, 22.5025, 3.9513



13.2683, 22.5025, 7.9162

Triad

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



17.5018, 22.5025, 3.9513



14.3024, 22.5025, 62.7026



36.0587, 22.5025, 31.5433

Complementary

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



17.5018, 22.5025, 3.9513



5.3537, 2.5277, 24.2519

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.



32.2856, 22.5025, 55.5640



17.5018, 22.5025, 3.9513



19.2114, 22.5025, 78.6991

Square

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



17.5018, 22.5025, 3.9513



11.6948, 22.5025, 38.4067



25.8106, 22.5025, 75.5777



35.3447, 22.5025, 14.4371

Rectangle

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



17.5018, 22.5025, 3.9513



11.7413, 22.5025, 14.0560



25.8106, 22.5025, 75.5777



35.2476, 22.5025, 39.1498

Sweetspot

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



17.5023, 22.5035, 3.9518



37.4531, 42.6074, 28.1122



11.0251, 6.3281, 1.1710



8.2934, 9.5104, 5.8962



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.5023, 22.5035, 3.9518



30.0892, 39.2930, 5.9984



11.3972, 19.3562, 3.6661



5.3750, 5.8161, 5.3917



15.7030, 20.4652, 3.1225



0.1118, 0.1398, 0.0211

Inverse Universe

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



5.3537, 2.5277, 24.2519



8.3883, 3.3902, 42.5954



8.9664, 4.3901, 24.4209



4.8250, 4.9182, 6.3008



4.4088, 1.7869, 22.1582



0.0353, 0.0150, 0.1475

Previews

White Background



This preview shows how the XYZ color 17.5018, 22.5025, 3.9513 looks on a white 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

Black Background



This preview shows how the XYZ color 17.5018, 22.5025, 3.9513 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 × Fail

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

XYZ 17.5018, 22.5025, 3.9513

Background



This preview shows how black text looks on a background with the XYZ color 17.5018, 22.5025, 3.9513.



This preview shows how white text looks on a background with the XYZ color 17.5018, 22.5025,

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

17.5018, 22.5025, 3.9513

Protanopia

20.2282, 22.4673, 3.6860

Deuteranopia

22.7271, 22.3917, 4.2228



Tritanopia

22.1381, 22.3417, 27.1903

Trichromacy



Original Color

17.5018, 22.5025, 3.9513

Protanomaly

19.2588, 22.5737, 3.7940

Deuteranomaly

20.4096, 22.1560, 4.0650

Tritanomaly

19.4776, 22.0565, 13.8204

Monochromacy



Original Color

17.5018, 22.5025, 3.9513

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.0359, 19.8682, 11.1207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5018, 22.5025, 3.9513 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(124, 138, 17)` looks like.

```
.text, #text, p{  
    color:rgb(124, 138, 17)  
}
```

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(124, 138, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 138, 17) }
```

Border

The CSS property to change the border of an element to XYZ 17.5018, 22.5025, 3.9513 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(124, 138, 17) }
```


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

```
.border{ border-color:rgb(124, 138, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 138, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 138, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 138, 17);  
box-shadow:4px 4px 4px 4px rgb(124, 138,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5018, 22.5025, 3.9513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 138, 17) }
```

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

```
.background{ background-color: rgb(124,  
138, 17) }
```

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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