

Converting Colors

XYZ(17.1614, 21.9011, 1.2875)

Have a look what the booklet for
XYZ(17.1614, 21.9011, 1.2875)
contains.

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Color

**XYZ(17.5566, 22.1203,
3.3443)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8800
RGB	127, 136, 0
RGB Percent	50%, 53%, 0%
CMY	0.5020, 0.4667, 1.0000
CMYK	0.07, 0.00, 1.00, 0.47
HSL	64°, 100%, 27%
HSV	64°, 100%, 53%
XYZ	17.5566, 22.1203, 3.3443
YIQ	117.8050, 38.2920, -44.2040

Conversions

Conversions Part 2

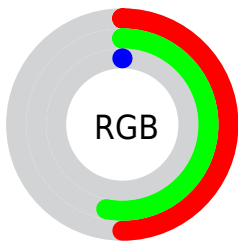
Format	Color
RYB	0, 136, 9
Decimal	8357888
CIELab	54.15, -17.64, 58.32
CIELCh	54, 60.930, 106.824
Yxy	22.1203, 0.4081, 0.5142
Android (android.graphics.Color)	4286547968 (0xFF7F8800)
YUV	117.8050, -58.0779, 8.0640
Hunter-Lab	47.0322, -15.6743, 28.7066

Details

The XYZ color **17.5566, 22.1203, 3.3443** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.5571, 1.8360, 23.4080**, and the grayscale version is **17.3272, 18.2296, 19.8520**.

A 20% lighter version of the original color is **38.7694, 46.8798, 12.4742**, and **6.1518, 8.1114, 1.2414** is the 20% darker color. If you saturate the color by 10%, you get **17.5570, 22.1213, 3.3445**, and if you desaturate by 10%, it is **17.7684, 22.2214, 3.7544**.

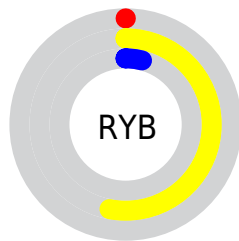
Distribution



Red (50%)

Green (53%)

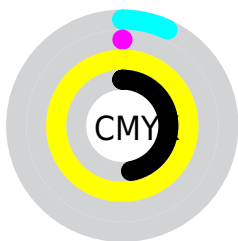
Blue (0%)



Red (0%)

Yellow (53%)

Blue (4%)

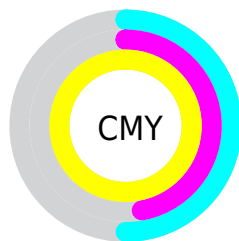


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (50%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5566, 22.1203, 3.3443 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 17.5566, 22.1203, 3.3443 by changing the saturation by 10% instead.

■ 17.5566, 22.1203,
3.3443

■ 17.5566, 22.1203,
3.3443

231.4540,
263.1739, 140.6318

■ 10.7299, 13.9453,
1.2730

■ 38.8164, 46.9447,
12.4668

■ 5.9514, 8.0826,
0.0395

■ 53.9801, 64.3630,
20.3551

■ 2.8560, 4.1479,
0.0000

■ 72.6536, 85.6311,
31.0195

■ 1.0781, 1.7566,
0.0000

■ 95.2021, 111.1336,
44.8786


■ 0.0066, 0.4599,
0.0000


■ 121.9910,
141.2546, 62.3508


■ 0.0000, 0.0000,
0.0000


■ 153.3858,


176.3788, 83.8547


 189.7517,
216.8904, 109.8088


 17.5566, 22.1203,
3.3443


 17.5566, 22.1203,
3.3443


 17.5570, 22.1213,
3.3445

 17.7684, 22.2214,
3.7544

 18.0279, 22.3409,
4.4118

 18.3617, 22.4903,
5.4538

 18.7787, 22.6730,
6.9274

 19.2864, 22.8922,
8.8728

■ 19.8917, 23.1506,
11.3255

■ 20.6006, 23.4506,
14.3177

■ 21.4188, 23.7944,
17.8789

■ 22.3515, 24.1841,
22.0366

Harmonies

Analogous

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



24.0567, 22.1203, 3.1860



17.5566, 22.1203, 3.3443



13.0517, 22.1203, 6.7783

Triad

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



17.5566, 22.1203, 3.3443



13.4725, 22.1203, 61.5732



35.9856, 22.1203, 33.3708

Complementary

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



17.5566, 22.1203, 3.3443



4.5571, 1.8360, 23.4080

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.



31.7214, 22.1203, 58.5603



17.5566, 22.1203, 3.3443



18.2588, 22.1203, 79.7487

Square

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



17.5566, 22.1203, 3.3443



11.0551, 22.1203, 36.2306



24.9218, 22.1203, 78.4238



35.6868, 22.1203, 15.0118

Rectangle

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



17.5566, 22.1203, 3.3443



11.3718, 22.1203, 12.4129



24.9218, 22.1203, 78.4238



35.0059, 22.1203, 41.4372

Sweetspot

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



17.5571, 22.1213, 3.3448



36.2144, 41.2875, 24.8537



10.2278, 5.3824, 0.5001



8.2767, 9.5152, 5.2870



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.



17.5571, 22.1213, 3.3448



30.8877, 38.9557, 5.8912



10.7419, 18.6080, 3.0258



5.3989, 5.8284, 5.3928



16.6193, 20.9375, 3.1654



0.1150, 0.1414, 0.0212

Inverse Universe

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



4.5571, 1.8360, 23.4080



7.9783, 3.2083, 41.2471



7.3308, 3.2659, 23.5378



4.8033, 4.9070, 6.2998



4.3159, 1.7391, 22.1539



0.0322, 0.0134, 0.1473

Previews

White Background



This preview shows how the XYZ color 17.5566, 22.1203, 3.3443 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 17.5566, 22.1203, 3.3443 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 17.5566, 22.1203, 3.3443

Background



This preview shows how black text looks on a background with the XYZ color 17.5566, 22.1203, 3.3443.



This preview shows how white text looks on a background with the XYZ color 17.5566, 22.1203,

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

17.5566, 22.1203, 3.3443

Protanopia

19.8367, 22.0763, 3.2156

Deuteranopia

22.3320, 22.0104, 3.8305



Tritanopia

22.2213, 22.0176, 26.3712

Trichromacy



Original Color

17.5566, 22.1203, 3.3443

Protanomaly

18.8987, 21.9915, 3.2487

Deuteranomaly

20.3761, 21.9541, 3.5791

Tritanomaly

19.3758, 21.6399, 12.1725

Monochromacy



Original Color

17.5566, 22.1203, 3.3443

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.4888, 19.2402, 9.5013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5566, 22.1203, 3.3443 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(127, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(127, 136, 0)  
}
```

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(127, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 136, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.5566, 22.1203, 3.3443 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(127, 136, 0) }
```


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

```
.border{ border-color:rgb(127, 136, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 136, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(127, 136,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5566, 22.1203, 3.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 136, 0) }
```

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

```
.background{ background-color: rgb(127,  
136, 0) }
```

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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