

Converting Colors

XYZ(18.3915, 22.3704, 11.5322)

Have a look what the booklet for
XYZ(18.3915, 22.3704, 11.5322)
contains.

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Color

**XYZ(18.3915, 22.3704,
11.5322)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8853
RGB	122, 136, 83
RGB Percent	48%, 53%, 33%
CMY	0.5216, 0.4667, 0.6745
CMYK	0.10, 0.00, 0.39, 0.47
HSL	76°, 24%, 43%
HSV	76°, 39%, 53%
XYZ	18.3915, 22.3704, 11.5322
YIQ	125.7720, 8.6690, -19.4510

Conversions

Conversions Part 2

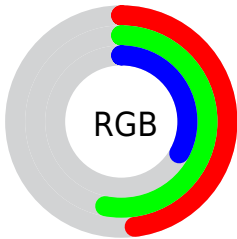
Format	Color
RYB	83, 136, 97
Decimal	8030291
CIELab	54.42, -14.33, 26.78
CIELCh	54, 30.374, 118.142
Yxy	22.3704, 0.3517, 0.4278
Android (android.graphics.Color)	4286220371 (0xFF7A8853)
YUV	125.7720, -21.0866, -3.3080
Hunter-Lab	47.2974, -13.3609, 18.6519

Details

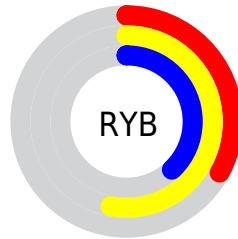
The XYZ color **18.3915, 22.3704, 11.5322** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.4678, 10.5061, 24.6646**, and the grayscale version is **19.8215, 20.8537, 22.7097**.

A 20% lighter version of the original color is **40.1104, 47.2026, 29.1873**, and **6.3342, 8.1669, 2.9928** is the 20% darker color. If you saturate the color by 10%, you get **17.4179, 21.9240, 9.0095**, and if you desaturate by 10%, it is **19.4881, 22.8697, 14.5993**.

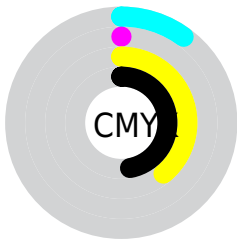
Distribution



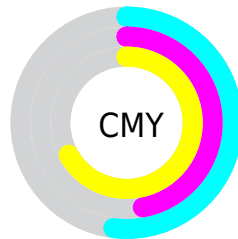
- Red (48%)
- Green (53%)
- Blue (33%)



- Red (33%)
- Yellow (53%)
- Blue (38%)



- Cyan (10%)
- Magenta (0%)
- Yellow (39%)
- Black (47%)



- Cyan (52%)
- Magenta (47%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3915, 22.3704, 11.5322 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 18.3915, 22.3704, 11.5322 by changing the saturation by 10% instead.

■ 18.3915, 22.3704,
11.5322

■ 18.3915, 22.3704,
11.5322

236.0717,
264.4745, 212.1501

■ 11.3328, 14.1293,
6.3074

■ 40.2282, 47.3574,
29.2917

■ 6.3601, 8.2107,
2.9611

■ 55.7369, 64.8722,
42.6635

■ 3.1080, 4.2300,
1.0748

■ 74.7930, 86.2469,
59.5880

■ 1.2111, 1.8031,
0.0000

■ 97.7618, 111.8661,
80.4837

■ 0.1151, 0.4891,
0.0000

■ 125.0088,
142.1140, 105.7692

■ 0.0000, 0.0000,
0.0000

156.8992,

177.3751, 135.8631

193.7983,
218.0338, 171.1839

■ 18.3915, 22.3704,
11.5322

■ 18.3915, 22.3704,
11.5322

■ 17.4179, 21.9240,
9.0095

■ 19.4881, 22.8697,
14.5993

■ 16.5593, 21.5250,
6.9979

■ 20.7118, 23.4212,
18.2388

■ 15.8094, 21.1717,
5.4627

■ 22.0684, 24.0282,
22.4782

■ 15.1605, 20.8608,
4.3641

■ 23.5630, 24.6925,
27.3430

■ 14.6037, 20.5888,
3.6563

■ 25.2004, 25.4163,
32.8572

■ 14.1167, 20.3468,
3.2235

■ 26.9850, 26.2012,
39.0435

■ 14.0680, 20.3226,
3.1812

■ 28.9211, 27.0490,
45.9236

■ 31.0128, 27.9614,
53.5181

■ 33.2642, 28.9400,
61.8468

Harmonies

Analogous

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



21.4700, 22.3704, 10.2739



18.3915, 22.3704, 11.5322



16.2885, 22.3704, 15.9266

Triad

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



18.3915, 22.3704, 11.5322



18.0681, 22.3704, 43.4181



28.3017, 22.3704, 24.9550

Complementary

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



18.3915, 22.3704, 11.5322



12.4678, 10.5061, 24.6646

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.



27.1580, 22.3704, 35.3367



18.3915, 22.3704, 11.5322



21.0562, 22.3704, 47.5787

Square

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



18.3915, 22.3704, 11.5322



16.1158, 22.3704, 34.0377



24.4175, 22.3704, 44.2951



27.4023, 22.3704, 16.7124

Rectangle

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



18.3915, 22.3704, 11.5322



15.6072, 22.3704, 20.7910



24.4175, 22.3704, 44.2951



28.1412, 22.3704, 28.3104

Sweetspot

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



18.3921, 22.3714, 11.5327



38.0762, 41.9796, 37.0342



15.9212, 14.2709, 10.0993



8.7572, 9.6948, 8.3856



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.



18.3921, 22.3714, 11.5327



30.8482, 38.7058, 16.2600



15.2165, 20.7343, 11.3841



5.3043, 5.7796, 5.3884



13.3232, 19.2383, 3.0112



0.1023, 0.1349, 0.0207

Inverse Universe

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



12.4678, 10.5061, 24.6646



18.8519, 14.6577, 42.8840



15.6706, 12.1572, 24.8144



4.8906, 4.9520, 6.3039



4.9003, 2.0403, 22.1812



0.0448, 0.0199, 0.1479

Previews

White Background



This preview shows how the XYZ color 18.3915, 22.3704, 11.5322 looks on a white background.

Color Contrast Check

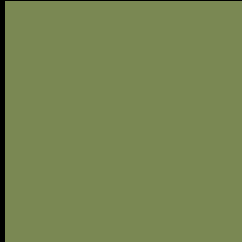
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3915, 22.3704, 11.5322 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 18.3915, 22.3704, 11.5322

Background



This preview shows how black text looks on a background with the XYZ color 18.3915, 22.3704, 11.5322.



This preview shows how white text looks on a background with the XYZ color 18.3915, 22.3704,

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

18.3915, 22.3704, 11.5322

Protanopia

20.6232, 22.3101, 11.0039

Deuteranopia

22.5977, 22.1551, 11.8894



Tritanopia

21.5637, 22.2317, 27.5807

Trichromacy



Original Color

18.3915, 22.3704, 11.5322

Protanomaly

19.7659, 22.2626, 11.2380

Deuteranomaly

20.8605, 22.0235, 11.7458

Tritanomaly

20.1852, 22.2701, 20.6874

Monochromacy



Original Color

18.3915, 22.3704, 11.5322

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.2546, 21.4510, 17.8775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3915, 22.3704, 11.5322 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, 136, 83)` looks like.

```
.text, #text, p{  
    color:rgb(122, 136, 83)  
}
```

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, 136, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 136, 83) }
```

Border

The CSS property to change the border of an element to XYZ 18.3915, 22.3704, 11.5322 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, 136, 83) }
```


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

```
.border{ border-color:rgb(122, 136, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 136, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 136, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 136, 83);  
box-shadow:4px 4px 4px 4px rgb(122, 136,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3915, 22.3704, 11.5322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 136, 83) }
```

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

```
.background{ background-color: rgb(122,  
136, 83) }
```

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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