

Converting Colors

XYZ(18.9668, 22.5737, 11.3740)

Have a look what the booklet for
XYZ(18.9668, 22.5737, 11.3740)
contains.

XYZ(19.0795, 22.7295, 11.3643)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.0795, 22.7295,
11.3643)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8852
RGB	127, 136, 82
RGB Percent	50%, 53%, 32%
CMY	0.5020, 0.4667, 0.6784
CMYK	0.07, 0.00, 0.40, 0.47
HSL	70°, 25%, 43%
HSV	70°, 40%, 53%
XYZ	19.0795, 22.7295, 11.3643
YIQ	127.1530, 11.9700, -18.7020

Conversions

Conversions Part 2

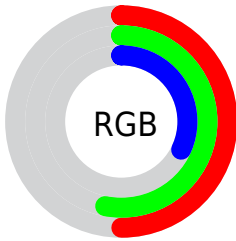
Format	Color
R_{YB}	82, 136, 91
Decimal	8357970
CIE _{Lab}	54.79, -12.38, 27.89
CIE _{LCh}	55, 30.515, 113.935
Yxy	22.7295, 0.3588, 0.4275
Android (android.graphics.Color)	4286548050 (0xFF7F8852)
YUV	127.1530, -22.2604, -0.1342
Hunter-Lab	47.6755, -11.9972, 19.2400

Details

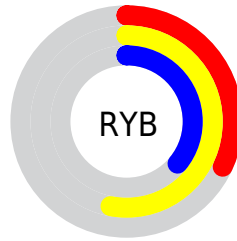
The XYZ color **19.0795, 22.7295, 11.3643** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.7765, 10.0369, 24.6105**, and the grayscale version is **20.2971, 21.3541, 23.2546**.

A 20% lighter version of the original color is **41.4185, 47.8849, 28.8895**, and **6.6917, 8.3547, 2.8500** is the 20% darker color. If you saturate the color by 10%, you get **18.2787, 22.3714, 8.8880**, and if you desaturate by 10%, it is **19.9916, 23.1346, 14.3823**.

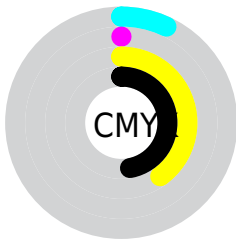
Distribution



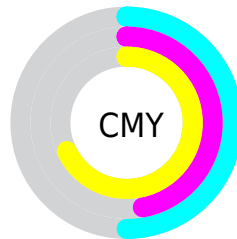
- Red (50%)
- Green (53%)
- Blue (32%)



- Red (32%)
- Yellow (53%)
- Blue (36%)



- Cyan (7%)
- Magenta (0%)
- Yellow (40%)
- Black (47%)



- Cyan (50%)
- Magenta (47%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0795, 22.7295, 11.3643 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 19.0795, 22.7295, 11.3643 by changing the saturation by 10% instead.

■ 19.0795, 22.7295,
11.3643

■ 19.0795, 22.7295,
11.3643

239.8170,
266.3326, 210.9764

■ 11.8321, 14.3939,
6.1952

■ 41.3842, 47.9488,
28.9788

■ 6.7008, 8.3951,
2.8934

■ 57.1722, 65.6013,
42.2612

■ 3.3204, 4.3488,
1.0405

■ 76.5378, 87.1281,
59.0851

■ 1.3254, 1.8705,
0.0000

■ 99.8464, 112.9138,
79.8691

■ 0.2021, 0.5306,
0.0000

■ 127.4632,
143.3427, 105.0317

■ 0.0000, 0.0000,
0.0000

159.7537,

178.7992, 134.9914

197.0832,
219.6677, 170.1668

■ 19.0795, 22.7295,
11.3643

■ 19.0795, 22.7295,
11.3643

■ 18.2787, 22.3714,
8.8880

■ 19.9916, 23.1346,
14.3823

■ 17.5815, 22.0548,
6.9198

■ 21.0190, 23.5859,
17.9699

■ 16.9815, 21.7780,
5.4248

■ 22.1675, 24.0865,
22.1550

■ 16.4711, 21.5378,
4.3628

■ 23.4420, 24.6385,
26.9632

■ 16.0415, 21.3309,
3.6873

■ 24.8471, 25.2435,
32.4185

■ 15.6677, 21.1471,
3.2675

■ 26.3872, 25.9035,
38.5437

■ 15.6569, 21.1418,
3.2556

■ 28.0665, 26.6200,
45.3606

■ 29.8889, 27.3948,
52.8899

■ 31.8583, 28.2292,
61.1513

Harmonies

Analogous

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



22.2958, 22.7295, 10.4990



19.0795, 22.7295, 11.3643



16.7767, 22.7295, 15.3504

Triad

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



19.0795, 22.7295, 11.3643



18.0083, 22.7295, 42.9897



28.7109, 22.7295, 26.7621

Complementary

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



19.0795, 22.7295, 11.3643



11.7765, 10.0369, 24.6105

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.



27.2778, 22.7295, 37.3633



19.0795, 22.7295, 11.3643



20.9261, 22.7295, 48.1757

Square

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



19.0795, 22.7295, 11.3643



16.2047, 22.7295, 33.0687



24.3413, 22.7295, 45.8865



28.0856, 22.7295, 17.9560

Rectangle

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



19.0795, 22.7295, 11.3643



15.9549, 22.7295, 19.9591



24.3413, 22.7295, 45.8865



28.4496, 22.7295, 30.2488

Sweetspot

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



19.0801, 22.7305, 11.3648



38.5259, 42.2115, 37.0553



15.4182, 13.3263, 9.7426



8.8702, 9.7531, 8.3909



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.



19.0801, 22.7305, 11.3648



32.2989, 39.4626, 15.9243



15.5835, 20.9280, 11.2011



5.3506, 5.8035, 5.3906



14.8246, 20.0124, 3.0814



0.1086, 0.1381, 0.0209

Inverse Universe

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



11.7765, 10.0369, 24.6105



17.5085, 13.7377, 42.7772



14.9332, 11.6643, 24.7582



4.8474, 4.9297, 6.3019



4.5393, 1.8542, 22.1643



0.0386, 0.0167, 0.1476

Previews

White Background



This preview shows how the XYZ color 19.0795, 22.7295, 11.3643 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 19.0795, 22.7295, 11.3643 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

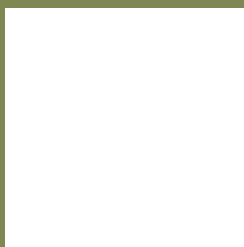
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0795, 22.7295, 11.3643

Background



This preview shows how black text looks on a background with the XYZ color 19.0795, 22.7295, 11.3643.



This preview shows how white text looks on a background with the XYZ color 19.0795, 22.7295,

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

19.0795, 22.7295, 11.3643

Protanopia

20.8920, 22.6514, 10.8605

Deuteranopia

23.0344, 22.5764, 11.5311



Tritanopia

22.3420, 22.6329, 27.6171

Trichromacy



Original Color

19.0795, 22.7295, 11.3643

Protanomaly

20.1893, 22.6875, 11.0996

Deuteranomaly

21.4442, 22.5281, 11.4017

Tritanomaly

20.8814, 22.6358, 20.4081

Monochromacy



Original Color

19.0795, 22.7295, 11.3643

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.6043, 21.6250, 18.1797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0795, 22.7295, 11.3643 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, 82)` looks like.

```
.text, #text, p{  
    color:rgb(127, 136, 82)  
}
```

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, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 136, 82) }
```

Border

The CSS property to change the border of an element to XYZ 19.0795, 22.7295, 11.3643 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, 82) }
```


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

```
.border{ border-color:rgb(127, 136, 82) }
```

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, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 136, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 136, 82);  
box-shadow:4px 4px 4px 4px rgb(127, 136,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0795, 22.7295, 11.3643 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, 82) }
```

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

```
.background{ background-color: rgb(127,  
136, 82) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor