

Converting Colors

XYZ(19.2028, 22.8593, 22.5278)

Have a look what the booklet for
XYZ(19.2028, 22.8593, 22.5278)
contains.

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Color

**XYZ(19.1393, 22.7261,
22.4466)**

Conversions

Conversions Part 1

Format	Color
Hex	6F897C
RGB	111, 137, 124
RGB Percent	44%, 54%, 49%
CMY	0.5647, 0.4627, 0.5137
CMYK	0.19, 0.00, 0.09, 0.46
HSL	150°, 10%, 49%
HSV	150°, 19%, 54%
XYZ	19.1393, 22.7261, 22.4466
YIQ	127.7440, -11.3230, -9.5550

Conversions

Conversions Part 2

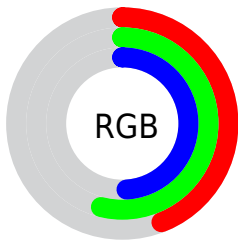
Format	Color
RYB	111, 128, 137
Decimal	7309692
CIELab	54.79, -12.06, 3.90
CIELCh	55, 12.675, 162.070
Yxy	22.7261, 0.2976, 0.3534
Android (android.graphics.Color)	4285499772 (0xFF6F897C)
YUV	127.7440, -1.8458, -14.6845
Hunter-Lab	47.6719, -11.7617, 5.4533

Details

The XYZ color **19.1393, 22.7261, 22.4466** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.6399, 18.1430, 21.5366**, and the grayscale version is **20.4387, 21.5031, 23.4168**.

A 20% lighter version of the original color is **41.3542, 47.7480, 48.1110**, and **6.7281, 8.3812, 7.9197** is the 20% darker color. If you saturate the color by 10%, you get **17.1277, 21.7380, 20.1691**, and if you desaturate by 10%, it is **21.4467, 23.8644, 24.8960**.

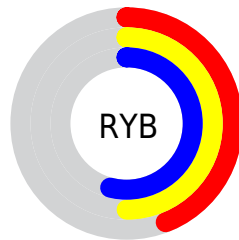
Distribution



Red (44%)

Green (54%)

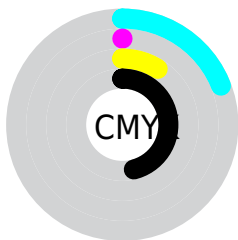
Blue (49%)



Red (44%)

Yellow (50%)

Blue (54%)

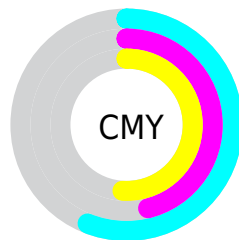


Cyan (19%)

Magenta (0%)

Yellow (9%)

Black (46%)



Cyan (56%)

Magenta (46%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1393, 22.7261, 22.4466 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 19.1393, 22.7261, 22.4466 by changing the saturation by 10% instead.

■ 19.1393, 22.7261,
22.4466

■ 19.1393, 22.7261,
22.4466

240.1401,
266.3151, 277.8989

■ 11.8756, 14.3914,
13.9840

■ 41.4844, 47.9432,
48.3946

■ 6.7306, 8.3934,
7.9709

■ 57.2965, 65.5944,
66.7172

■ 3.3390, 4.3477,
3.9888

■ 76.6888, 87.1198,
89.1634

■ 1.3355, 1.8699,
1.6192

■ 100.0266,
112.9039, 116.1518

■ 0.2095, 0.5302,
0.3045

127.6752,
143.3311, 148.1011

■ 0.0000, 0.0000,
0.0000

160.0001,

178.7858, 185.4296

197.3666,
219.6523, 228.5561

■ 19.1393, 22.7261,
22.4466

■ 19.1393, 22.7261,
22.4466

■ 17.1277, 21.7380,
20.1691

■ 21.4467, 23.8644,
24.8960

■ 15.3974, 20.8910,
18.0584

■ 24.0598, 25.1562,
27.5195

■ 13.9355, 20.1789,
16.1109

■ 26.9905, 26.6080,
30.3211

■ 12.7272, 19.5943,
14.3226

■ 30.2493, 28.2254,
33.3041

■ 11.7562, 19.1289,
12.6893

■ 33.8464, 30.0133,
36.4720

■ 11.0045, 18.7735,
11.2064

■ 37.7913, 31.9768,
39.8279

■ 10.4508, 18.5171,
9.8692

■ 42.0934, 34.1205,
43.3749

■ 10.0439, 18.3333,
8.6714

■ 46.7614, 36.4491,
47.1161

■ 10.0047, 18.3157,
8.5565

■ 51.8042, 38.9667,
51.0545

Harmonies

Analogous

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



19.8466, 22.7261, 19.4520



19.1393, 22.7261, 22.4466



19.0737, 22.7261, 26.3921

Triad

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



19.1393, 22.7261, 22.4466



22.1682, 22.7261, 33.0750



23.6609, 22.7261, 19.9306

Complementary

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



19.1393, 22.7261, 22.4466



19.6399, 18.1430, 21.5366

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.



24.3411, 22.7261, 23.1676



19.1393, 22.7261, 22.4466



23.4547, 22.7261, 30.9201

Square

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



19.1393, 22.7261, 22.4466



20.7823, 22.7261, 32.8281



24.2641, 22.7261, 27.1949



22.4398, 22.7261, 18.1110

Rectangle

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



19.1393, 22.7261, 22.4466



19.3988, 22.7261, 29.0678



24.2641, 22.7261, 27.1949



23.9627, 22.7261, 20.8733

Sweetspot

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



19.1399, 22.7271, 22.4471



39.6807, 43.3647, 45.8874



20.1907, 23.3575, 18.4835



8.8455, 9.6995, 10.2367



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.



19.1399, 22.7271, 22.4471



32.5787, 39.8638, 38.3120



19.9863, 23.0656, 26.9041



5.0693, 5.6472, 5.8859



9.3250, 17.0626, 8.0019



0.0693, 0.1163, 0.0920

Inverse Universe

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



19.6399, 18.1430, 21.5366



33.6534, 30.0101, 36.3549



18.8948, 17.8450, 17.6132



5.1303, 5.0876, 5.7748



10.6022, 5.3510, 5.6756



0.0778, 0.0385, 0.0766

Previews

White Background



This preview shows how the XYZ color 19.1393, 22.7261, 22.4466 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 19.1393, 22.7261, 22.4466 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 19.1393, 22.7261, 22.4466

Background



This preview shows how black text looks on a background with the XYZ color 19.1393, 22.7261, 22.4466.



This preview shows how white text looks on a background with the XYZ color 19.1393, 22.7261,

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

19.1393, 22.7261, 22.4466

Protanopia

21.5261, 22.5556, 20.9884

Deuteranopia

22.9038, 22.4478, 22.8644



Tritanopia

20.7062, 22.7394, 30.0859

Trichromacy



Original Color

19.1393, 22.7261, 22.4466

Protanomaly

20.5911, 22.6676, 21.3792

Deuteranomaly

21.3572, 22.4325, 22.6063

Tritanomaly

20.1188, 22.7115, 26.9903

Monochromacy



Original Color

19.1393, 22.7261, 22.4466

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.9731, 21.9025, 23.2536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1393, 22.7261, 22.4466 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(111, 137, 124)` looks like.

```
.text, #text, p{  
    color:rgb(111, 137, 124)  
}
```

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(111, 137, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 137, 124) }
```

Border

The CSS property to change the border of an element to XYZ 19.1393, 22.7261, 22.4466 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(111, 137, 124) }
```


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

```
.border{ border-color:rgb(111, 137, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 137, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 137, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 137, 124);  
box-shadow:4px 4px 4px 4px rgb(111, 137,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1393, 22.7261, 22.4466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 137, 124) }
```

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

```
.background{ background-color: rgb(111,  
137, 124) }
```

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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