

Converting Colors

XYZ(19.1008, 22.1979, 23.0848)

Have a look what the booklet for
XYZ(19.1008, 22.1979, 23.0848)
contains.

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Color

**XYZ(19.1120, 22.2790,
23.0316)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 70877E |
| RGB | 112, 135, 126 |
| RGB Percent | 44%, 53%, 49% |
| CMY | 0.5608, 0.4706, 0.5059 |
| CMYK | 0.17, 0.00, 0.07, 0.47 |
| HSL | 157°, 9%, 48% |
| HSV | 157°, 17%, 53% |
| XYZ | 19.1120, 22.2790, 23.0316 |
| YIQ | 127.0970, -10.8190, -7.6750 |

Conversions

Conversions Part 2

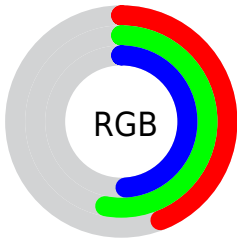
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 112, 126, 135 |
| Decimal | 7374718 |
| CIE Lab | 54.32, -10.18, 2.08 |
| CIE LCh | 54, 10.394, 168.464 |
| Yxy | 22.2790, 0.2967, 0.3458 |
| Android (android.graphics.Color) | 4285564798 (0xFF70877E) |
| YUV | 127.0970, -0.5408, -13.2401 |
| Hunter-Lab | 47.2006, -10.3247, 4.1098 |

Details

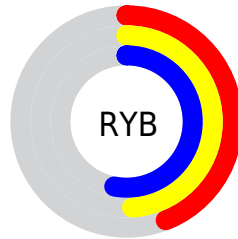
The XYZ color **19.1120, 22.2790, 23.0316** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.2379, 18.1204, 20.5740**, and the grayscale version is **20.2111, 21.2636, 23.1561**.

A 20% lighter version of the original color is **41.4297, 47.1136, 49.5581**, and **6.7024, 8.1228, 8.2358** is the 20% darker color. If you saturate the color by 10%, you get **17.1895, 21.3269, 21.2090**, and if you desaturate by 10%, it is **21.3113, 23.3730, 24.9622**.

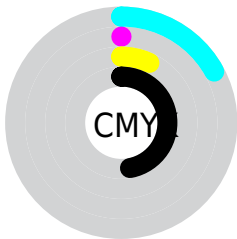
Distribution



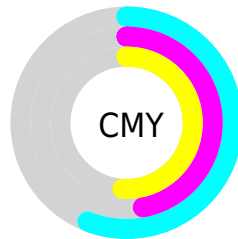
- Red (44%)
- Green (53%)
- Blue (49%)



- Red (44%)
- Yellow (49%)
- Blue (53%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (47%)



- Cyan (56%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1120, 22.2790, 23.0316 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 19.1120, 22.2790, 23.0316 by changing the saturation by 10% instead.

■ 19.1120, 22.2790,
23.0316

■ 19.1120, 22.2790,
23.0316

239.9926,
263.9998, 281.0144

■ 11.8557, 14.0620,
14.4113

■ 41.4387, 47.2067,
49.3691

■ 6.7170, 8.1638,
8.2653

■ 57.2398, 64.6862,
67.9233

■ 3.3305, 4.2000,
4.1750

■ 76.6199, 86.0221,
90.6260

■ 1.3309, 1.7860,
1.7218

■ 99.9443, 111.5986,
117.8956

■ 0.2061, 0.4784,
0.3756

127.5785,
141.8003, 150.1507

■ 0.0000, 0.0000,
0.0000

159.8877,

177.0114, 187.8099

197.2373,
217.6165, 231.2916

■ 19.1120, 22.2790,
23.0316

■ 19.1120, 22.2790,
23.0316

■ 17.1895, 21.3269,
21.2090

■ 21.3113, 23.3730,
24.9622

■ 15.5303, 20.5079,
19.4907

■ 23.7966, 24.6116,
27.0011

■ 14.1224, 19.8164,
17.8754

■ 26.5789, 26.0012,
29.1507

■ 12.9523, 19.2454,
16.3608

■ 29.6679, 27.5468,
31.4128

■ 12.0048, 18.7874,
14.9447

■ 33.0731, 29.2532,
33.7891

■ 11.2633, 18.4335,
13.6247

■ 36.8035, 31.1250,
36.2815

■ 10.7084, 18.1741,
12.3983

■ 40.8676, 33.1665,
38.8914

■ 10.3042, 17.9904,
11.2621

■ 45.2737, 35.3821,
41.6207

■ 10.1937, 17.9404,
10.9417

■ 50.0299, 37.7759,
44.4708

Harmonies

Analogous

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



19.5864, 22.2790, 20.3518



19.1120, 22.2790, 23.0316



19.1757, 22.2790, 26.2881

Triad

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



19.1120, 22.2790, 23.0316



21.8730, 22.2790, 30.6700



22.6531, 22.2790, 19.8813

Complementary

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



19.1120, 22.2790, 23.0316



19.2379, 18.1204, 20.5740

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.



23.3098, 22.2790, 22.3353



19.1120, 22.2790, 23.0316



22.8484, 22.2790, 28.6347

Square

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



19.1120, 22.2790, 23.0316



20.7428, 22.2790, 30.8987



23.3825, 22.2790, 25.5273



21.6142, 22.2790, 18.6443

Rectangle

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



19.1120, 22.2790, 23.0316



19.5152, 22.2790, 28.3494



23.3825, 22.2790, 25.5273



22.9275, 22.2790, 20.5806

Sweetspot

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



19.1126, 22.2799, 23.0321



38.9793, 42.2612, 45.3883



19.5026, 22.5781, 18.6599



8.9666, 9.7571, 10.4606



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.



19.1126, 22.2799, 23.0321



32.9967, 39.2877, 40.1096



19.4026, 21.8879, 26.1248



4.7264, 5.2488, 5.5706



9.4061, 16.5453, 10.1242



0.0362, 0.0588, 0.0540

Inverse Universe

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



19.2379, 18.1204, 20.5740



33.2599, 30.5542, 34.9493



18.9683, 18.4239, 17.8862



4.7424, 4.7167, 5.2561



9.8089, 4.9879, 3.5659



0.0374, 0.0186, 0.0303

Previews

White Background



This preview shows how the XYZ color 19.1120, 22.2790, 23.0316 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 19.1120, 22.2790, 23.0316 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

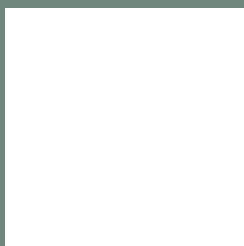
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1120, 22.2790, 23.0316

Background



This preview shows how black text looks on a background with the XYZ color 19.1120, 22.2790, 23.0316.



This preview shows how white text looks on a background with the XYZ color 19.1120, 22.2790,

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

19.1120, 22.2790, 23.0316

Protanopia

21.2569, 22.1989, 21.9033

Deuteranopia

22.5576, 22.0654, 23.4922



Tritanopia

20.2794, 22.1305, 29.1894

Trichromacy



Original Color

19.1120, 22.2790, 23.0316

Protanomaly

20.3586, 22.1235, 22.2660

Deuteranomaly

21.1967, 22.1384, 23.2346

Tritanomaly

19.8423, 22.1586, 26.8981

Monochromacy



Original Color

19.1120, 22.2790, 23.0316

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.8394, 21.6351, 23.2090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1120, 22.2790, 23.0316 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(112, 135, 126) looks like.

```
.text, #text, p{  
    color:rgb(112, 135, 126)  
}
```

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(112, 135, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 135, 126) }
```

Border

The CSS property to change the border of an element to XYZ 19.1120, 22.2790, 23.0316 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(112, 135, 126) }
```


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

```
.border{ border-color:rgb(112, 135, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 135, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 135, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 135, 126);  
box-shadow:4px 4px 4px 4px rgb(112, 135,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1120, 22.2790, 23.0316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 135, 126) }
```

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

```
.background{ background-color: rgb(112,  
135, 126) }
```

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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