

Converting Colors

XYZ(18.5812, 19.3342, 22.0600)

Have a look what the booklet for
XYZ(18.5812, 19.3342, 22.0600)
contains.

XYZ(18.5651, 19.2930, 22.1475)	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(18.5651, 19.2930,
22.1475)**

Conversions

Conversions Part 1

Format	Color
Hex	7A797D
RGB	122, 121, 125
RGB Percent	48%, 47%, 49%
CMY	0.5216, 0.5255, 0.5098
CMYK	0.02, 0.03, 0.00, 0.51
HSL	255°, 2%, 48%
HSV	255°, 3%, 49%
XYZ	18.5651, 19.2930, 22.1475
YIQ	121.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

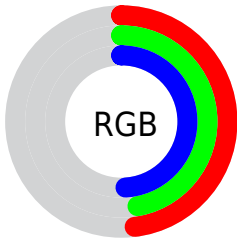
Format	Color
R_{YB}	122, 121, 125
Decimal	8026493
CIE Lab	51.03, 1.19, -2.06
CIE LCh	51, 2.375, 300.091
Yxy	19.2930, 0.3094, 0.3215
Android (android.graphics.Color)	4286216573 (0xFF7A797D)
YUV	121.7550, 1.5998, 0.2149
Hunter-Lab	43.9238, -1.4207, 0.8511

Details

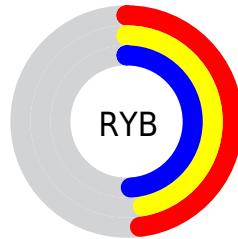
The XYZ color **18.5651, 19.2930, 22.1475** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.0977, 20.3333, 21.0083**, and the grayscale version is **18.4144, 19.3734, 21.0976**.

A 20% lighter version of the original color is **40.4350, 42.1002, 48.1145**, and **6.4347, 6.7034, 7.7922** is the 20% darker color. If you saturate the color by 10%, you get **15.8789, 15.7978, 21.6147**, and if you desaturate by 10%, it is **21.5775, 23.2496, 22.7527**.

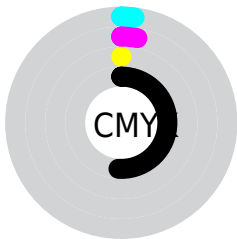
Distribution



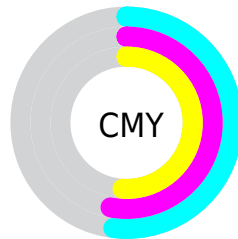
- Red (48%)
- Green (47%)
- Blue (49%)



- Red (48%)
- Yellow (47%)
- Blue (49%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)



- Cyan (52%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5651, 19.2930, 22.1475 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 18.5651, 19.2930, 22.1475 by changing the saturation by 10% instead.

■ 18.5651, 19.2930,
22.1475

■ 18.5651, 19.2930,
22.1475

237.0217,
248.0615, 276.2942

■ 11.4586, 11.8822,
13.7660

■ 40.5205, 42.2286,
47.8950

■ 6.4457, 6.6635,
7.8212

■ 56.1001, 58.5222,
66.0980

■ 3.1612, 3.2526,
3.8946

■ 75.2348, 78.5455,
88.4119

■ 1.2396, 1.2650,
1.5677

98.2899, 102.6829,
115.2553

■ 0.1373, 0.1138,
0.2676

125.6308,
131.3188, 147.0467

■ 0.0000, 0.0000,
0.0000

157.6228,

164.8376, 184.2046

194.6313,
203.6238, 227.1476

■ 18.5651, 19.2930,
22.1475

■ 18.5651, 19.2930,
22.1475

■ 15.8789, 15.7978,
21.6147

■ 21.5775, 23.2496,
22.7527

■ 13.5061, 12.7448,
21.1505

■ 24.9250, 27.6812,
23.4317

■ 11.4355, 10.1168,
20.7524

■ 28.6182, 32.6039,
24.1872

■ 9.6545, 7.8946,
20.4173

■ 32.6668, 38.0321,
25.0216

■ 8.1498, 6.0577,
20.1421

■ 37.0801, 43.9798,
25.9370

6.9069, 4.5835,
19.9230

41.8670, 50.4604,
26.9356

5.9097, 3.4471,
19.7562

47.0361, 57.4867,
28.0193

5.1405, 2.6205,
19.6372

52.5957, 65.0714,
29.1903

4.5780, 2.0694,
19.5605

58.5539, 73.2263,
30.4503

Harmonies

Analogous

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



18.3381, 19.2930, 22.3288



18.5651, 19.2930, 22.1475



18.7322, 19.2930, 21.6593

Triad

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



18.5651, 19.2930, 22.1475



18.5638, 19.2930, 19.9040



17.8889, 19.2930, 21.0089

Complementary

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



18.5651, 19.2930, 22.1475



19.0977, 20.3333, 21.0083

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.



17.9482, 19.2930, 20.3676



18.5651, 19.2930, 22.1475



18.3367, 19.2930, 19.7380

Square

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



18.5651, 19.2930, 22.1475



18.7315, 19.2930, 20.3641



18.1116, 19.2930, 19.9060



17.9489, 19.2930, 21.6629

Rectangle

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



18.5651, 19.2930, 22.1475



18.7865, 19.2930, 21.2305



18.1116, 19.2930, 19.9060



17.8955, 19.2930, 20.7847

Sweetspot

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



18.5657, 19.2938, 22.1479



34.3684, 36.0190, 39.8853



18.8035, 19.9782, 22.2675



7.8265, 8.2047, 9.0742



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.5657, 19.2938, 22.1479



32.7903, 33.9543, 39.5700



18.8422, 19.4364, 22.1609



4.5104, 4.6618, 5.4754



4.4537, 1.8497, 20.3722



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.9336, 19.4908, 21.8340



33.6303, 34.4041, 38.8508



18.8210, 20.1906, 20.9954



4.6395, 4.7310, 5.3646



10.9234, 5.3891, 11.4523



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.5651, 19.2930, 22.1475 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 18.5651, 19.2930, 22.1475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

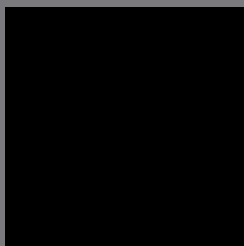
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

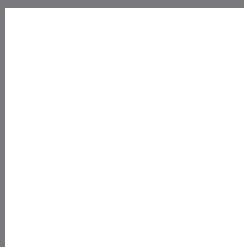
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5651, 19.2930, 22.1475

Background



This preview shows how black text looks on a background with the XYZ color 18.5651, 19.2930, 22.1475.



This preview shows how white text looks on a background with the XYZ color 18.5651, 19.2930,

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

18.5651, 19.2930, 22.1475

Protanopia

18.7074, 19.3664, 22.1541

Deuteranopia

19.6044, 19.2885, 22.4285



Tritanopia

18.9141, 19.2556, 23.8389

Trichromacy

**Original Color**

18.5651, 19.2930, 22.1475

Protanomaly

18.7074, 19.3664, 22.1541

Deuteranomaly

19.2648, 19.2892, 22.4465

Tritanomaly

18.7811, 19.2024, 23.1386

Monochromacy

**Original Color**

18.5651, 19.2930, 22.1475

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.5607, 19.4867, 21.5219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5651, 19.2930, 22.1475 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, 121, 125)` looks like.

```
.text, #text, p{  
    color:rgb(122, 121, 125)  
}
```

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, 121, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 121, 125) }
```

Border

The CSS property to change the border of an element to XYZ 18.5651, 19.2930, 22.1475 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, 121, 125) }
```


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

```
.border{ border-color:rgb(122, 121, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 121, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 121, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 121, 125);  
box-shadow:4px 4px 4px 4px rgb(122, 121,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5651, 19.2930, 22.1475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 121, 125) }
```

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

```
.background{ background-color: rgb(122,  
121, 125) }
```

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