

Converting Colors

XYZ(20.0188, 22.4294, 28.9038)

Have a look what the booklet for
XYZ(20.0188, 22.4294, 28.9038)
contains.

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Color

**XYZ(19.9631, 22.3827,
28.8593)**

Conversions

Conversions Part 1

Format	Color
Hex	6F868E
RGB	111, 134, 142
RGB Percent	44%, 53%, 56%
CMY	0.5647, 0.4745, 0.4431
CMYK	0.22, 0.06, 0.00, 0.44
HSL	195°, 12%, 50%
HSV	195°, 22%, 56%
XYZ	19.9631, 22.3827, 28.8593
YIQ	128.0350, -16.2760, -2.3880

Conversions

Conversions Part 2

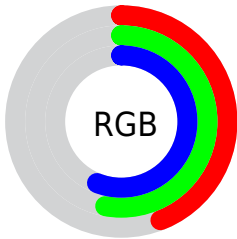
Format	Color
R_{YB}	111, 124, 142
Decimal	7308942
CIE _{Lab}	54.43, -6.37, -7.04
CIE _{LCh}	54, 9.492, 227.862
Yxy	22.3827, 0.2804, 0.3143
Android (android.graphics.Color)	4285499022 (0xFF6F868E)
YUV	128.0350, 6.8847, -14.9397
Hunter-Lab	47.3104, -7.4732, -3.0496

Details

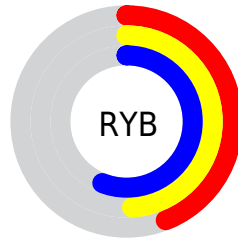
The XYZ color **19.9631, 22.3827, 28.8593** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6215, 20.0921, 17.8306**, and the grayscale version is **20.5114, 21.5796, 23.5001**.

A 20% lighter version of the original color is **42.8384, 47.3127, 59.0990**, and **7.0887, 8.1375, 11.3223** is the 20% darker color. If you saturate the color by 10%, you get **17.8190, 20.5392, 28.6168**, and if you desaturate by 10%, it is **22.4102, 24.4096, 29.1219**.

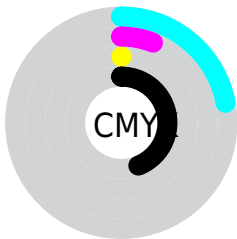
Distribution



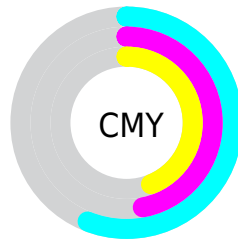
- Red (44%)
- Green (53%)
- Blue (56%)



- Red (44%)
- Yellow (49%)
- Blue (56%)



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (44%)



- Cyan (56%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9631, 22.3827, 28.8593 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 19.9631, 22.3827, 28.8593 by changing the saturation by 10% instead.

■ 19.9631, 22.3827,
28.8593

■ 19.9631, 22.3827,
28.8593

244.5527,
264.5384, 310.5907

■ 12.4763, 14.1384,
18.7297

■ 42.8597, 47.3777,
58.8930

■ 7.1435, 8.2170,
11.3003

■ 59.0003, 64.8972,
79.6342

■ 3.5991, 4.2341,
6.1525

■ 78.7562, 86.2771,
104.7497

■ 1.4779, 1.8054,
2.8678

■ 102.4927,
111.9020, 134.6580

■ 0.3107, 0.4905,
1.0275

130.5753,
142.1562, 169.7778

■ 0.0000, 0.0000,
0.0000

163.3692,

177.4240, 210.5274

201.2399,
218.0900, 257.3255

■ 19.9631, 22.3827,
28.8593

■ 19.9631, 22.3827,
28.8593

■ 17.8190, 20.5392,
28.6168

■ 22.4102, 24.4096,
29.1219

■ 15.9623, 18.8690,
28.3923

■ 25.1708, 26.6239,
29.4038

■ 14.3790, 17.3653,
28.1855

■ 28.2577, 29.0330,
29.7061

■ 13.0530, 16.0196,
27.9957

■ 31.6822, 31.6428,
30.0294

■ 11.9667, 14.8223,
27.8218

■ 35.4548, 34.4592,
30.3742

■ 11.1000, 13.7630,
27.6630

■ 39.5860, 37.4877,
30.7410

■ 10.4290, 12.8290,
27.5181

■ 44.0855, 40.7337,
31.1304

■ 9.9713, 12.1305,
27.4074

■ 48.9627, 44.2021,
31.5428

■ 54.2267, 47.8979,
31.9787

Harmonies

Analogous

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



19.4307, 22.3827, 26.1663



19.9631, 22.3827, 28.8593



20.8572, 22.3827, 30.3962

Triad

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



19.9631, 22.3827, 28.8593



23.2853, 22.3827, 25.5926



20.6679, 22.3827, 19.3259

Complementary

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



19.9631, 22.3827, 28.8593



20.6215, 20.0921, 17.8306

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.



21.6965, 22.3827, 19.1997



19.9631, 22.3827, 28.8593



23.2306, 22.3827, 22.6597

Square

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



19.9631, 22.3827, 28.8593



22.7884, 22.3827, 28.4100



22.6412, 22.3827, 20.3739



19.8284, 22.3827, 20.7341

Rectangle

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



19.9631, 22.3827, 28.8593



21.5482, 22.3827, 30.4821



22.6412, 22.3827, 20.3739



21.0023, 22.3827, 19.1366

Sweetspot

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



19.9638, 22.3836, 28.8598



41.7283, 44.8310, 51.5818



19.5437, 24.0518, 20.9869



9.2683, 9.9715, 11.5156



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.9638, 22.3836, 28.8598



33.3577, 37.9000, 50.6852



18.0055, 18.4671, 28.2071



5.4441, 5.8840, 6.8776



8.9679, 10.9218, 24.6125



0.1035, 0.1400, 0.2412

Inverse Universe

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



21.1433, 18.8413, 25.0777



35.8343, 30.6622, 42.6999



22.5846, 24.0183, 18.4850



5.5676, 5.4876, 6.4872



12.3297, 6.0889, 12.6534



0.1269, 0.0618, 0.1682

Previews

White Background



This preview shows how the XYZ color 19.9631, 22.3827, 28.8593 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 19.9631, 22.3827, 28.8593 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

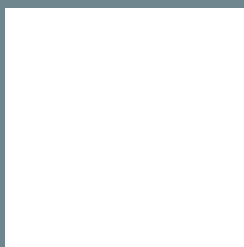
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9631, 22.3827, 28.8593

Background



This preview shows how black text looks on a background with the XYZ color 19.9631, 22.3827, 28.8593.

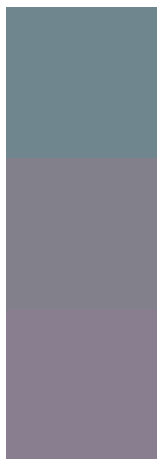


This preview shows how white text looks on a background with the XYZ color 19.9631, 22.3827,

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

19.9631, 22.3827, 28.8593

Protanopia

21.7164, 22.3104, 27.5879

Deuteranopia

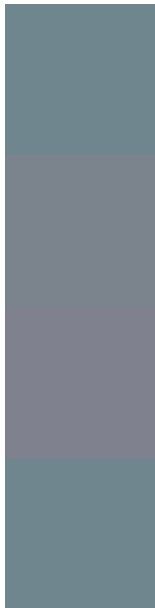
22.6482, 22.1696, 29.4710



Tritanopia

20.1147, 22.4433, 29.6574

Trichromacy



Original Color

19.9631, 22.3827, 28.8593

Protanomaly

21.0183, 22.3370, 28.0146

Deuteranomaly

21.5606, 22.1957, 29.1344

Tritanomaly

20.0386, 22.4129, 29.2566

Monochromacy



Original Color

19.9631, 22.3827, 28.8593

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.2423, 21.7963, 25.3305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9631, 22.3827, 28.8593 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, 134, 142)` looks like.

```
.text, #text, p{  
    color:rgb(111, 134, 142)  
}
```

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, 134, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 134, 142) }
```

Border

The CSS property to change the border of an element to XYZ 19.9631, 22.3827, 28.8593 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, 134, 142) }
```


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

```
.border{ border-color:rgb(111, 134, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 134, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 134, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 134, 142);  
box-shadow:4px 4px 4px 4px rgb(111, 134,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9631, 22.3827, 28.8593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 134, 142) }
```

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

```
.background{ background-color: rgb(111,  
134, 142) }
```

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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