

Converting Colors

XYZ(21.8848, 21.5512, 31.0233)

Have a look what the booklet for
XYZ(21.8848, 21.5512, 31.0233)
contains.

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Color

**XYZ(21.8848, 21.5512,
31.0233)**

Conversions

Conversions Part 1

Format	Color
Hex	827D94
RGB	130, 125, 148
RGB Percent	51%, 49%, 58%
CMY	0.4902, 0.5098, 0.4196
CMYK	0.12, 0.16, 0.00, 0.42
HSL	253°, 10%, 54%
HSV	253°, 16%, 58%
XYZ	21.8848, 21.5512, 31.0233
YIQ	129.1170, -4.4030, 8.2130

Conversions

Conversions Part 2

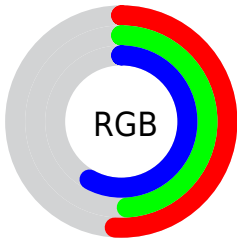
Format	Color
R_{YB}	130, 125, 148
Decimal	8551828
CIE _{Lab}	53.55, 6.68, -11.70
CIE _{LCh}	54, 13.471, 299.749
Yxy	21.5512, 0.2939, 0.2894
Android (android.graphics.Color)	4286741908 (0xFF827D94)
YUV	129.1170, 9.3093, 0.7744
Hunter-Lab	46.4233, 2.9075, -7.1255

Details

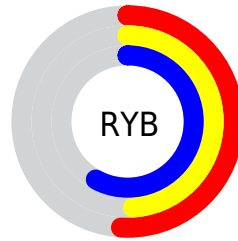
The XYZ color **21.8848, 21.5512, 31.0233** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.6201, 28.5007, 23.5540**, and the grayscale version is **20.8773, 21.9645, 23.9194**.

A 20% lighter version of the original color is **46.1095, 46.1723, 62.3590**, and **8.1354, 7.7813, 12.3824** is the 20% darker color. If you saturate the color by 10%, you get **18.4712, 17.2147, 30.3665**, and if you desaturate by 10%, it is **25.7789, 26.5510, 31.7835**.

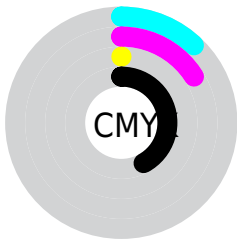
Distribution



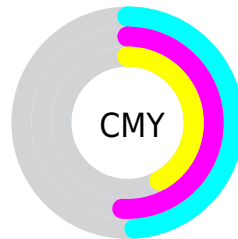
- Red (51%)
- Green (49%)
- Blue (58%)



- Red (51%)
- Yellow (49%)
- Blue (58%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8848, 21.5512, 31.0233 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 21.8848, 21.5512, 31.0233 by changing the saturation by 10% instead.

■ 21.8848, 21.5512,
31.0233

■ 21.8848, 21.5512,
31.0233

254.5878,
260.1935, 321.0002

■ 13.8884, 13.5275,
20.3580

■ 46.0358, 46.0031,
62.3568

■ 8.1243, 7.7928,
12.4689

■ 62.9211, 63.2001,
83.8620

■ 4.2270, 3.9626,
6.9374

■ 83.5001, 84.2236,
109.8176

■ 1.8314, 1.6527,
3.3452

108.1381,
109.4581, 140.6421

■ 0.5365, 0.3927,
1.2735

137.2006,
139.2880, 176.7541

■ 0.0000, 0.0000,
0.0399

171.0527,

■ 0.0000, 0.0000,

174.0975, 218.5720

0.0000

210.0600,
214.2712, 266.5146

■ 21.8848, 21.5512,
31.0233

■ 21.8848, 21.5512,
31.0233

■ 18.4712, 17.2147,
30.3665

■ 25.7789, 26.5510,
31.7835

■ 15.5174, 13.5109,
29.8073

■ 30.1695, 32.2378,
32.6497

■ 13.0037, 10.4105,
29.3413

■ 35.0741, 38.6372,
33.6264

■ 10.9084, 7.8810,
28.9635

■ 40.5088, 45.7731,
34.7173

■ 9.2079, 5.8869,
28.6683

■ 46.4889, 53.6679,
35.9260

■ 7.8761, 4.3885,
28.4492

■ 53.0293, 62.3431,
37.2558

■ 6.8835, 3.3402,
28.2992

■ 60.1442, 71.8196,
38.7099

■ 6.1919, 2.6809,
28.2084

■ 67.8472, 82.1171,
40.2916

■ 5.9461, 2.4478,
28.1764

■ 75.1208, 91.1938,
41.6602

Harmonies

Analogous

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



20.4717, 21.5512, 32.2958



21.8848, 21.5512, 31.0233



22.9630, 21.5512, 27.6795

Triad

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



21.8848, 21.5512, 31.0233



21.9067, 21.5512, 17.2755



17.8446, 21.5512, 23.4310

Complementary

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



21.8848, 21.5512, 31.0233



25.6201, 28.5007, 23.5540

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.



18.1898, 21.5512, 19.7026



21.8848, 21.5512, 31.0233



20.4958, 21.5512, 16.4123

Square

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



21.8848, 21.5512, 31.0233



22.9760, 21.5512, 19.7560



19.1438, 21.5512, 17.2473



18.1786, 21.5512, 27.6127

Rectangle

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



21.8848, 21.5512, 31.0233



23.3231, 21.5512, 24.9013



19.1438, 21.5512, 17.2473



17.8848, 21.5512, 22.0862

Sweetspot

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



21.8855, 21.5521, 31.0238



45.8066, 47.2621, 56.1428



23.6284, 26.1487, 31.8191



10.3501, 10.6514, 12.7953



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.8855, 21.5521, 31.0238



36.2035, 34.9526, 54.2730



23.7465, 22.5115, 31.1109



5.6104, 5.6901, 7.2723



5.0990, 2.1012, 24.0679



0.0836, 0.0367, 0.2956

Inverse Universe

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



24.5051, 22.9473, 29.1255



41.8396, 37.9560, 50.1138



23.7326, 27.5277, 23.4657



5.9819, 5.8878, 7.0109



13.1265, 6.4557, 14.6790



0.1714, 0.0833, 0.2363

Previews

White Background



This preview shows how the XYZ color 21.8848, 21.5512, 31.0233 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 21.8848, 21.5512, 31.0233 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 21.8848, 21.5512, 31.0233

Background



This preview shows how black text looks on a background with the XYZ color 21.8848, 21.5512, 31.0233.



This preview shows how white text looks on a background with the XYZ color 21.8848, 21.5512,

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

21.8848, 21.5512, 31.0233

Protanopia

21.3264, 21.6338, 31.4855

Deuteranopia

22.0390, 21.6306, 31.0305



Tritanopia

21.0068, 21.5741, 26.7239

Trichromacy



Original Color

21.8848, 21.5512, 31.0233

Protanomaly

21.4899, 21.5273, 31.4563

Deuteranomaly

22.0390, 21.6306, 31.0305

Tritanomaly

21.3218, 21.5119, 28.2277

Monochromacy



Original Color

21.8848, 21.5512, 31.0233

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.2164, 21.8830, 26.3982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8848, 21.5512, 31.0233 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(130, 125, 148)` looks like.

```
.text, #text, p{  
    color:rgb(130, 125, 148)  
}
```

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(130, 125, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 125, 148) }
```

Border

The CSS property to change the border of an element to XYZ 21.8848, 21.5512, 31.0233 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(130, 125, 148) }
```


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

```
.border{ border-color:rgb(130, 125, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 125, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 125, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 125, 148);  
box-shadow:4px 4px 4px 4px rgb(130, 125,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8848, 21.5512, 31.0233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 125, 148) }
```

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

```
.background{ background-color: rgb(130,  
125, 148) }
```

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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