

Converting Colors

XYZ(23.2690, 27.4411, 21.2770)

Have a look what the booklet for
XYZ(23.2690, 27.4411, 21.2770)
contains.

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Color

**XYZ(23.2200, 27.3131,
21.1877)**

Conversions

Conversions Part 1

Format	Color
Hex	839476
RGB	131, 148, 118
RGB Percent	51%, 58%, 46%
CMY	0.4863, 0.4196, 0.5372
CMYK	0.11, 0.00, 0.20, 0.42
HSL	94°, 12%, 52%
HSV	94°, 20%, 58%
XYZ	23.2200, 27.3131, 21.1877
YIQ	139.4970, -0.5020, -12.9340

Conversions

Conversions Part 2

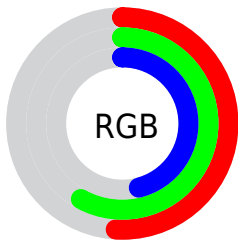
Format	Color
R_{YB}	118, 148, 135
Decimal	8623222
CIE _{Lab}	59.26, -11.84, 13.87
CIE _{LCh}	59, 18.235, 130.495
Yxy	27.3131, 0.3238, 0.3808
Android (android.graphics.Color)	4286813302 (0xFF839476)
YUV	139.4970, -10.5980, -7.4519
Hunter-Lab	52.2619, -12.1508, 12.5464

Details

The XYZ color **23.2200, 27.3131, 21.1877** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.8165, 20.2467, 30.7766**, and the grayscale version is **24.7728, 26.0629, 28.3825**.

A 20% lighter version of the original color is **48.1434, 55.3337, 46.1733**, and **8.7735, 10.7409, 7.4051** is the 20% darker color. If you saturate the color by 10%, you get **21.1619, 26.3467, 16.8550**, and if you desaturate by 10%, it is **25.5228, 28.3913, 26.2534**.

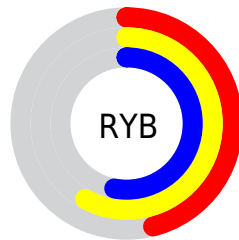
Distribution



Red (51%)

Green (58%)

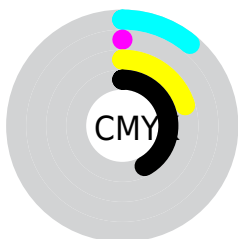
Blue (46%)



Red (46%)

Yellow (58%)

Blue (53%)

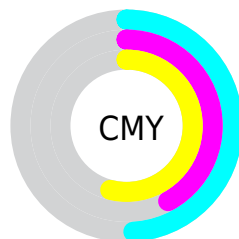


Cyan (11%)

Magenta (0%)

Yellow (20%)

Black (42%)



Cyan (49%)

Magenta (42%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2200, 27.3131, 21.1877 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 23.2200, 27.3131, 21.1877 by changing the saturation by 10% instead.

■ 23.2200, 27.3131,
21.1877

■ 23.2200, 27.3131,
21.1877

261.3672,
289.1699, 271.0881

■ 14.8776, 17.8085,
13.0687

■ 48.2183, 55.3859,
46.2845

■ 8.8193, 10.8126,
7.3446

■ 65.6050, 74.7229,
64.0995

■ 4.6797, 5.9410,
3.5968

■ 86.7371, 98.1061,
85.9835

■ 2.0934, 2.8092,
1.4069

111.9800,
125.9200, 112.3550

■ 0.6856, 1.0330,
0.1471

141.6992,
158.5489, 143.6327

■ 0.0000, 0.0000,
0.0000

176.2599,

196.3773, 180.2351

216.0274,
239.7895, 222.5807

■ 23.2200, 27.3131,
21.1877

■ 23.2200, 27.3131,
21.1877

■ 21.1619, 26.3467,
16.8550

■ 25.5228, 28.3913,
26.2534

■ 19.3373, 25.4847,
13.2196

■ 28.0765, 29.5815,
32.0821

■ 17.7376, 24.7242,
10.2456

■ 30.8899, 30.8881,
38.7042

■ 16.3526, 24.0608,
7.8929

■ 33.9704, 32.3146,
46.1479

■ 15.1709, 23.4897,
6.1172

■ 37.3253, 33.8641,
54.4401

■ 14.1802, 23.0056,
4.8685

■ 40.9616, 35.5396,
63.6065

■ 13.3664, 22.6025,
4.0880

■ 44.8861, 37.3440,
73.6715

■ 12.7131, 22.2751,
3.6295

■ 49.1051, 39.2802,
84.6588

■ 53.6250, 41.3508,
96.5911

Harmonies

Analogous

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



25.1710, 27.3131, 19.0366



23.2200, 27.3131, 21.1877



22.0486, 27.3131, 25.7466

Triad

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



23.2200, 27.3131, 21.1877



24.5259, 27.3131, 43.1917



30.5070, 27.3131, 27.5136

Complementary

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



23.2200, 27.3131, 21.1877



21.8165, 20.2467, 30.7766

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.



30.3092, 27.3131, 34.1249



23.2200, 27.3131, 21.1877



26.7659, 27.3131, 43.8487

Square

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



23.2200, 27.3131, 21.1877



22.7715, 27.3131, 38.6464



28.9081, 27.3131, 40.3287



29.4337, 27.3131, 22.3181

Rectangle

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



23.2200, 27.3131, 21.1877



21.8242, 27.3131, 29.8478



28.9081, 27.3131, 40.3287



30.5885, 27.3131, 29.6311

Sweetspot

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



23.2207, 27.3143, 21.1883



46.8473, 50.9397, 50.4232



24.1478, 24.9329, 20.6798



10.6358, 11.6012, 11.3777



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.



23.2207, 27.3143, 21.1883



39.3898, 47.4507, 34.0126



21.4521, 26.3886, 21.7327



5.9537, 6.5840, 6.1975



10.8887, 19.0412, 3.1014



0.1660, 0.2499, 0.0395

Inverse Universe

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



21.8165, 20.2467, 30.7766



36.4841, 32.8292, 53.8483



23.8805, 21.3288, 30.0537



5.7951, 5.7853, 7.2810



7.7107, 3.4476, 24.1901



0.1282, 0.0597, 0.2977

Previews

White Background



This preview shows how the XYZ color 23.2200, 27.3131, 21.1877 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 23.2200, 27.3131, 21.1877 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

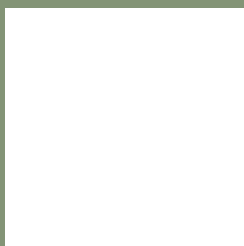
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2200, 27.3131, 21.1877

Background



This preview shows how black text looks on a background with the XYZ color 23.2200, 27.3131, 21.1877.



This preview shows how white text looks on a background with the XYZ color 23.2200, 27.3131,

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

23.2200, 27.3131, 21.1877

Protanopia

25.5300, 27.1631, 20.1171

Deuteranopia

27.6457, 27.1399, 21.5507



Tritanopia

25.9717, 27.2964, 34.4717

Trichromacy



Original Color

23.2200, 27.3131, 21.1877

Protanomaly

24.6272, 27.1368, 20.4629

Deuteranomaly

25.8035, 27.0571, 21.3153

Tritanomaly

24.9248, 27.3248, 29.1598

Monochromacy



Original Color

23.2200, 27.3131, 21.1877

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.9231, 26.2189, 25.2726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2200, 27.3131, 21.1877 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(131, 148, 118)` looks like.

```
.text, #text, p{  
    color:rgb(131, 148, 118)  
}
```

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(131, 148, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 148, 118) }
```

Border

The CSS property to change the border of an element to XYZ 23.2200, 27.3131, 21.1877 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(131, 148, 118) }
```


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

```
.border{ border-color:rgb(131, 148, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 148, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 148, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 148, 118);  
box-shadow:4px 4px 4px 4px rgb(131, 148,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2200, 27.3131, 21.1877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 148, 118) }
```

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

```
.background{ background-color: rgb(131,  
148, 118) }
```

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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