

Converting Colors

XYZ(19.9826, 23.2631, 27.4818)

Have a look what the booklet for
XYZ(19.9826, 23.2631, 27.4818)
contains.

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Color

**XYZ(19.9826, 23.2631,
27.4818)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8A8A
RGB	109, 138, 138
RGB Percent	43%, 54%, 54%
CMY	0.5725, 0.4588, 0.4588
CMYK	0.21, 0.00, 0.00, 0.46
HSL	180°, 12%, 48%
HSV	180°, 21%, 54%
XYZ	19.9826, 23.2631, 27.4818
YIQ	129.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

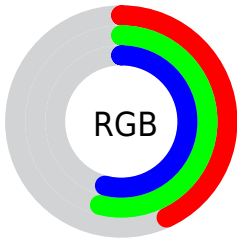
Format	Color
R _{YB}	109, 124, 138
Decimal	7178890
CIE Lab	55.34, -10.20, -3.39
CIE LCh	55, 10.750, 198.380
Yxy	23.2631, 0.2825, 0.3289
Android (android.graphics.Color)	4285368970 (0xFF6D8A8A)
YUV	129.3290, 4.2748, -17.8285
Hunter-Lab	48.2318, -10.4526, -0.0203

Details

The XYZ color **19.9826, 23.2631, 27.4818** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.7110, 17.4454, 16.8501**, and the grayscale version is **20.9719, 22.0641, 24.0278**.

A 20% lighter version of the original color is **42.7327, 48.6003, 56.4187**, and **7.1147, 8.6447, 10.5261** is the 20% darker color. If you saturate the color by 10%, you get **18.4166, 22.4564, 27.4087**, and if you desaturate by 10%, it is **21.8165, 24.2091, 27.5684**.

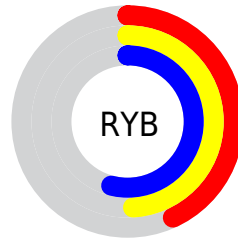
Distribution



Red (43%)

Green (54%)

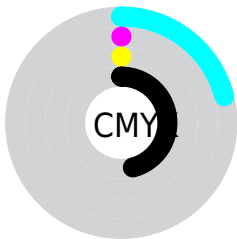
Blue (54%)



Red (43%)

Yellow (49%)

Blue (54%)

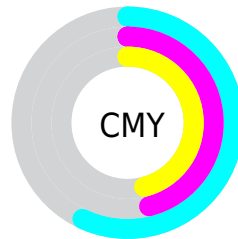


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (46%)



Cyan (57%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9826, 23.2631, 27.4818 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 19.9826, 23.2631, 27.4818 by changing the saturation by 10% instead.

■ 19.9826, 23.2631,
27.4818

■ 19.9826, 23.2631,
27.4818

244.6563,
269.0735, 303.8161

■ 12.4906, 14.7879,
17.6998

■ 42.8922, 48.8250,
56.6691

■ 7.1533, 8.6707,
10.5674

■ 59.0404, 66.6804,
76.9115

■ 3.6053, 4.5270,
5.6663

■ 78.8048, 88.4315,
101.4778

■ 1.4814, 1.9725,
2.5778

■ 102.5507,
114.4624, 130.7865

■ 0.3131, 0.5914,
0.8809

130.6435,
145.1577, 165.2561

■ 0.0000, 0.0000,
0.0000

163.4484,

180.9017, 205.3052

201.3309,
222.0788, 251.3523

■ 19.9826, 23.2631,
27.4818

■ 19.9826, 23.2631,
27.4818

■ 18.4166, 22.4564,
27.4087

■ 21.8165, 24.2091,
27.5684

■ 17.1041, 21.7798,
27.3470

■ 23.9279, 25.2976,
27.6675

■ 16.0324, 21.2273,
27.2965

■ 26.3284, 26.5351,
27.7802

■ 15.1868, 20.7914,
27.2567

■ 29.0283, 27.9269,
27.9068

■ 14.5512, 20.4637,
27.2266

■ 32.0375, 29.4782,
28.0479

■ 14.1072, 20.2349,
27.2056

■ 35.3652, 31.1937,
28.2040

■ 13.8333, 20.0936,
27.1925

■ 39.0205, 33.0780,
28.3753

■ 13.6759, 20.0126,
27.1848

■ 43.0119, 35.1357,
28.5624

■ 47.3479, 37.3710,
28.7656

Harmonies

Analogous

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



19.9165, 23.2631, 24.0154



19.9826, 23.2631, 27.4818



20.6063, 23.2631, 30.6254

Triad

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



19.9826, 23.2631, 27.4818



23.8900, 23.2631, 30.0012



22.5812, 23.2631, 19.3658

Complementary

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



19.9826, 23.2631, 27.4818



18.7110, 17.4454, 16.8501

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.



23.6870, 23.2631, 20.6824



19.9826, 23.2631, 27.4818



24.4608, 23.2631, 26.6908

Square

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



19.9826, 23.2631, 27.4818



22.8501, 23.2631, 32.1686



24.3852, 23.2631, 23.2927



21.3877, 23.2631, 19.5358

Rectangle

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



19.9826, 23.2631, 27.4818



21.2675, 23.2631, 32.0183



24.3852, 23.2631, 23.2927



22.9763, 23.2631, 19.6439

Sweetspot

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



19.9833, 23.2641, 27.4823



40.2100, 43.5764, 48.6746



18.2158, 22.5640, 17.8637



8.9744, 9.7510, 10.9154



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.



19.9833, 23.2641, 27.4823



33.9176, 40.3326, 48.3792



18.1004, 19.4981, 26.8553



5.1728, 5.6886, 6.4312



12.5384, 18.3479, 24.9237



0.0833, 0.1219, 0.1656

Inverse Universe

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



18.7110, 17.4454, 16.8501



31.2774, 28.2577, 26.3153



20.3274, 20.6783, 17.3884



5.0329, 5.0486, 5.2617



9.6099, 4.9541, 0.4499



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 19.9826, 23.2631, 27.4818 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 19.9826, 23.2631, 27.4818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

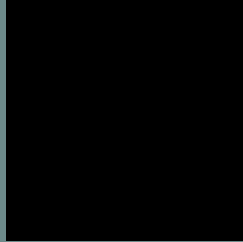
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

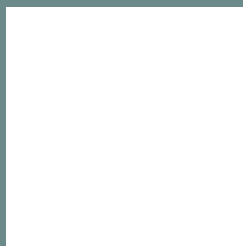
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9826, 23.2631, 27.4818

Background



This preview shows how black text looks on a background with the XYZ color 19.9826, 23.2631, 27.4818.



This preview shows how white text looks on a background with the XYZ color 19.9826, 23.2631,

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

19.9826, 23.2631, 27.4818

Protanopia

22.2509, 23.0222, 25.8252

Deuteranopia

23.4373, 22.9945, 28.0140



Tritanopia

20.7677, 23.3774, 31.0215

Trichromacy



Original Color

19.9826, 23.2631, 27.4818

Protanomaly

21.3557, 23.1594, 26.2663

Deuteranomaly

21.9647, 23.0337, 27.7144

Tritanomaly

20.4101, 23.2199, 29.7917

Monochromacy



Original Color

19.9826, 23.2631, 27.4818

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.4422, 22.3060, 25.0579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9826, 23.2631, 27.4818 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(109, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(109, 138, 138)  
}
```

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(109, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 138, 138) }
```

Border

The CSS property to change the border of an element to XYZ 19.9826, 23.2631, 27.4818 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(109, 138, 138) }
```


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

```
.border{ border-color:rgb(109, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(109, 138,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9826, 23.2631, 27.4818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 138, 138) }
```

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

```
.background{ background-color: rgb(109,  
138, 138) }
```

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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