

Converting Colors

XYZ(27.7421, 25.0930, 29.2885)

Have a look what the booklet for
XYZ(27.7421, 25.0930, 29.2885)
contains.

XYZ(27.7814, 25.2080, 29.3880)	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(27.7814, 25.2080,
29.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	A3808F
RGB	163, 128, 143
RGB Percent	64%, 50%, 56%
CMY	0.3608, 0.4980, 0.4392
CMYK	0.00, 0.21, 0.12, 0.36
HSL	334°, 16%, 57%
HSV	334°, 21%, 64%
XYZ	27.7814, 25.2080, 29.3880
YIQ	140.1750, 16.0450, 12.0850

Conversions

Conversions Part 2

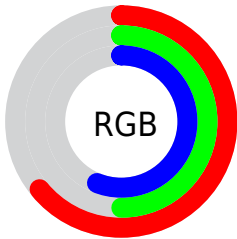
Format	Color
RYB	163, 128, 143
Decimal	10715279
CIELab	57.28, 15.97, -2.91
CIElCh	57, 16.236, 349.674
Yxy	25.2080, 0.3372, 0.3060
Android (android.graphics.Color)	4288905359 (0xFFA3808F)
YUV	140.1750, 1.3927, 20.0175
Hunter-Lab	50.2076, 10.9063, 0.4411

Details

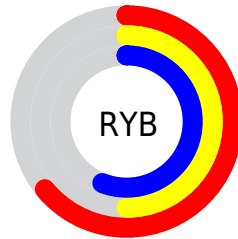
The XYZ color **27.7814, 25.2080, 29.3880** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.3456, 32.9225, 32.9320**, and the grayscale version is **24.9862, 26.2875, 28.6270**.

A 20% lighter version of the original color is **55.5154, 51.9844, 59.9313**, and **11.3273, 9.7618, 11.6431** is the 20% darker color. If you saturate the color by 10%, you get **25.1472, 21.0221, 25.1718**, and if you desaturate by 10%, it is **30.8172, 30.1027, 34.0278**.

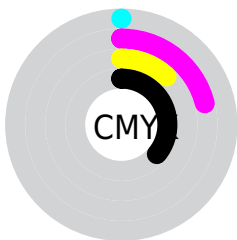
Distribution



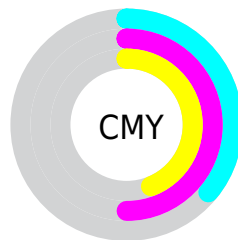
- Red (64%)
- Green (50%)
- Blue (56%)



- Red (64%)
- Yellow (50%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (36%)





- Cyan (36%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7814, 25.2080, 29.3880 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 27.7814, 25.2080, 29.3880 by changing the saturation by 10% instead.


 27.7814, 25.2080,
29.3880


 27.7814, 25.2080,
29.3880


283.5199,
278.8722, 313.1593


 18.3006, 16.2321,
19.1264


 55.5463, 51.9945,
59.7425

 11.2670, 9.6885,
11.5839


 74.5611, 70.5738,
80.6725

 6.3153, 5.1929,
6.3420


 97.4846, 93.1231,
105.9957

 3.0802, 2.3609,
2.9820

124.6822,
120.0267, 136.1308

 1.1963, 0.8057,
1.0854

156.5191,
151.6690, 171.4961

 0.1035, 0.0000,
0.0000

193.3608,

 0.0000, 0.0000,

188.4344, 212.5102

0.0000

235.5726,
230.7074, 259.5918

■ 27.7814, 25.2080,
29.3880

■ 27.7814, 25.2080,
29.3880

■ 25.1472, 21.0221,
25.1718

■ 30.8172, 30.1027,
34.0278

■ 22.8947, 17.5086,
21.3647

■ 34.2691, 35.7337,
39.1019

■ 21.0056, 14.6326,
17.9537

■ 38.1532, 42.1312,
44.6225

■ 19.4591, 12.3551,
14.9242

■ 42.4845, 49.3228,
50.6008

■ 18.2322, 10.6326,
12.2606

■ 47.2769, 57.3346,
57.0478

■ 17.2987, 9.4154,
9.9461

■ 52.5439, 66.1915,
63.9737

■ 16.6280, 8.6452,
7.9616

■ 58.2983, 75.9173,
71.3888

■ 16.2052, 8.2270,
6.5034

■ 63.4569, 84.3436,
78.9375

■ 64.7071, 84.8437,
85.5212

Harmonies

Analogous

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



26.8882, 25.2080, 34.8804



27.7814, 25.2080, 29.3880



27.6097, 25.2080, 24.0366

Triad

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



27.7814, 25.2080, 29.3880



22.7369, 25.2080, 18.6403



21.6470, 25.2080, 36.3308

Complementary

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



27.7814, 25.2080, 29.3880



27.3456, 32.9225, 32.9320

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.



20.6460, 25.2080, 31.1662



27.7814, 25.2080, 29.3880



21.2515, 25.2080, 21.1531

Square

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



27.7814, 25.2080, 29.3880



24.6279, 25.2080, 18.2975



20.5052, 25.2080, 25.5938



23.3032, 25.2080, 39.2293

Rectangle

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



27.7814, 25.2080, 29.3880



26.9173, 25.2080, 21.2307



20.5052, 25.2080, 25.5938



21.2266, 25.2080, 34.7723

Sweetspot

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



27.7821, 25.2091, 29.3885



58.4090, 59.1479, 65.7123



26.5136, 24.3642, 37.9562



13.0336, 13.1459, 14.6340



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.7821, 25.2091, 29.3885



47.3024, 41.2345, 48.7541



27.0285, 25.4003, 23.9015



7.1939, 7.1340, 8.0073



12.6162, 6.4025, 5.1696



0.2886, 0.1439, 0.2322

Inverse Universe

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



27.7821, 25.2091, 29.3885



47.3024, 41.2345, 48.7541



28.2005, 32.6077, 39.4584



7.1939, 7.1340, 8.0073



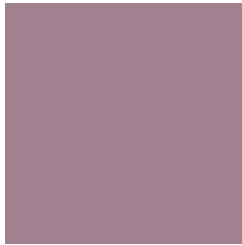
12.6162, 6.4025, 5.1696



0.2886, 0.1439, 0.2322

Previews

White Background



This preview shows how the XYZ color 27.7814, 25.2080, 29.3880 looks on a white background.

Color Contrast Check

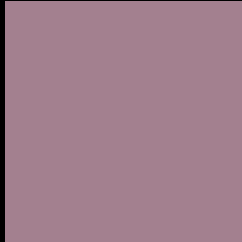
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7814, 25.2080, 29.3880 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 27.7814, 25.2080, 29.3880

Background



This preview shows how black text looks on a background with the XYZ color 27.7814, 25.2080, 29.3880.



This preview shows how white text looks on a background with the XYZ color 27.7814, 25.2080,

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

27.7814, 25.2080, 29.3880

Protanopia

24.6075, 25.3478, 31.6126

Deuteranopia

25.8020, 25.3927, 29.1326



Tritanopia

27.4107, 25.2460, 27.8544

Trichromacy



Original Color

27.7814, 25.2080, 29.3880

Protanomaly

25.5675, 25.2365, 30.7177

Deuteranomaly

26.4602, 25.3255, 29.0849

Tritanomaly

27.4842, 25.2753, 28.2410

Monochromacy



Original Color

27.7814, 25.2080, 29.3880

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.8246, 25.8273, 28.8234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7814, 25.2080, 29.3880 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(163, 128, 143)` looks like.

```
.text, #text, p{  
    color:rgb(163, 128, 143)  
}
```

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(163, 128, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 128, 143) }
```

Border

The CSS property to change the border of an element to XYZ 27.7814, 25.2080, 29.3880 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(163, 128, 143) }
```


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

```
.border{ border-color:rgb(163, 128, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 128, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 128, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 128, 143);  
box-shadow:4px 4px 4px 4px rgb(163, 128,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7814, 25.2080, 29.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 128, 143) }
```

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

```
.background{ background-color: rgb(163,  
128, 143) }
```

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