

Converting Colors

XYZ(24.7735, 29.7803, 28.4603)

Have a look what the booklet for
XYZ(24.7735, 29.7803, 28.4603)
contains.

XYZ(24.7881, 29.8970, 28.5090)	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(24.7881, 29.8970,
28.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9C8A
RGB	124, 156, 138
RGB Percent	49%, 61%, 54%
CMY	0.5137, 0.3882, 0.4588
CMYK	0.21, 0.00, 0.12, 0.39
HSL	146°, 14%, 55%
HSV	146°, 21%, 61%
XYZ	24.7881, 29.8970, 28.5090
YIQ	144.3800, -13.2940, -12.3820

Conversions

Conversions Part 2

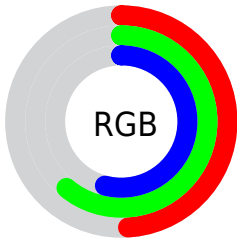
Format	Color
RYB	124, 146, 156
Decimal	8166538
CIELab	61.57, -14.88, 5.78
CIELCh	62, 15.966, 158.760
Yxy	29.8970, 0.2980, 0.3594
Android (android.graphics.Color)	4286356618 (0xFF7C9C8A)
YUV	144.3800, -3.1453, -17.8733
Hunter-Lab	54.6781, -14.7646, 7.3611

Details

The XYZ color **24.7881, 29.8970, 28.5090** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.8015, 23.4370, 28.7564**, and the grayscale version is **26.6793, 28.0687, 30.5668**.

A 20% lighter version of the original color is **50.8297, 59.6972, 58.1339**, and **9.6371, 12.2636, 11.0917** is the 20% darker color. If you saturate the color by 10%, you get **22.0997, 28.5824, 25.1998**, and if you desaturate by 10%, it is **27.8862, 31.4185, 32.1067**.

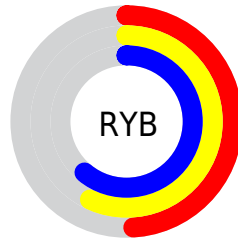
Distribution



Red (49%)

Green (61%)

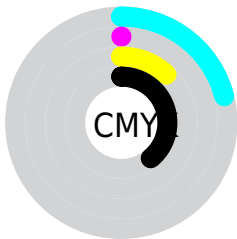
Blue (54%)



Red (49%)

Yellow (57%)

Blue (61%)

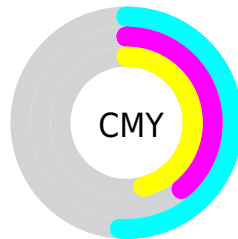


Cyan (21%)

Magenta (0%)

Yellow (12%)

Black (39%)



Cyan (51%)

Magenta (39%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7881, 29.8970, 28.5090 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 24.7881, 29.8970, 28.5090 by changing the saturation by 10% instead.

■ 24.7881, 29.8970,
28.5090

■ 24.7881, 29.8970,
28.5090

269.1482,
301.4241, 308.8793

■ 16.0471, 19.7604,
18.4673

■ 50.7586, 59.4993,
58.3289

■ 9.6486, 12.2210,
11.1131

■ 68.7189, 79.7337,
78.9442

■ 5.2271, 6.8944,
6.0278

■ 90.4830, 104.1029,
103.9212

■ 2.4172, 3.3961,
2.7930

116.4163,
132.9913, 133.6783

■ 0.8537, 1.3419,
0.9899

146.8841,
166.7832, 168.6341

■ 0.0000, 0.1733,
0.0000

182.2517,

■ 0.0000, 0.0000,

205.8630, 209.2072

0.0000

222.8847,
250.6152, 255.8161

■ 24.7881, 29.8970,
28.5090

■ 24.7881, 29.8970,
28.5090

■ 22.0997, 28.5824,
25.1998

■ 27.8862, 31.4185,
32.1067

■ 19.8006, 27.4618,
22.1699

■ 31.4083, 33.1518,
35.9977

■ 17.8723, 26.5268,
19.4126

■ 35.3711, 35.1060,
40.1894

■ 16.2937, 25.7665,
16.9200

■ 39.7896, 37.2888,
44.6881

■ 15.0416, 25.1693,
14.6841

■ 44.6780, 39.7074,
49.5002

■ 14.0897, 24.7215,
12.6960

■ 50.0500, 42.3688,
54.6315

■ 13.4073, 24.4077,
10.9467

■ 55.9187, 45.2795,
60.0879

■ 12.9400, 24.1984,
9.4972

■ 62.2967, 48.4460,
65.8753

■ 65.6511, 50.0469,
71.8331

Harmonies

Analogous

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



25.9429, 29.8970, 24.2814



24.7881, 29.8970, 28.5090



24.5796, 29.8970, 34.3609

Triad

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



24.7881, 29.8970, 28.5090



29.0407, 29.8970, 45.4890



31.7104, 29.8970, 25.7854

Complementary

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



24.7881, 29.8970, 28.5090



25.8015, 23.4370, 28.7564

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.



32.6326, 29.8970, 30.8092



24.7881, 29.8970, 28.5090



31.0419, 29.8970, 42.5169

Square

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



24.7881, 29.8970, 28.5090



26.9667, 29.8970, 44.6740



32.3821, 29.8970, 36.9619



29.9167, 29.8970, 22.8500

Rectangle

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



24.7881, 29.8970, 28.5090



24.9947, 29.8970, 38.4909



32.3821, 29.8970, 36.9619



32.1365, 29.8970, 27.2591

Sweetspot

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



24.7889, 29.8983, 28.5097



53.3616, 58.3974, 61.3516



26.7058, 30.9961, 23.6445



11.6600, 12.8097, 13.4092



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.7889, 29.8983, 28.5097



42.4982, 53.0654, 48.7206



26.0233, 30.3920, 35.0097



6.6652, 7.4468, 7.6717



10.6749, 19.9379, 7.9113



0.2118, 0.3649, 0.2515

Inverse Universe

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



25.8015, 23.4370, 28.7564



44.7044, 38.9844, 49.2562



24.6934, 22.9937, 22.9210



6.7814, 6.7055, 7.7002



12.7533, 6.4059, 8.2176



0.2491, 0.1230, 0.2578

Previews

White Background



This preview shows how the XYZ color 24.7881, 29.8970, 28.5090 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 24.7881, 29.8970, 28.5090 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 24.7881, 29.8970, 28.5090

Background



This preview shows how black text looks on a background with the XYZ color 24.7881, 29.8970, 28.5090.

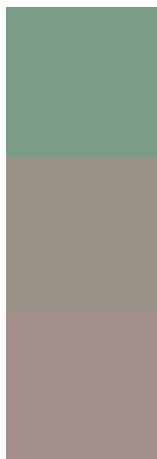


This preview shows how white text looks on a background with the XYZ color 24.7881, 29.8970,

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

24.7881, 29.8970, 28.5090

Protanopia

28.2194, 29.7711, 26.8133

Deuteranopia

30.1472, 29.5673, 29.3174



Tritanopia

26.9823, 29.8039, 39.4526

Trichromacy



Original Color

24.7881, 29.8970, 28.5090

Protanomaly

26.7675, 29.7221, 27.2478

Deuteranomaly

27.9012, 29.5573, 29.0455

Tritanomaly

26.0600, 29.6610, 35.3620

Monochromacy



Original Color

24.7881, 29.8970, 28.5090

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.7889, 28.4512, 29.7236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7881, 29.8970, 28.5090 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(124, 156, 138)` looks like.

```
.text, #text, p{  
    color:rgb(124, 156, 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(124, 156, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 156, 138) }
```

Border

The CSS property to change the border of an element to XYZ 24.7881, 29.8970, 28.5090 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(124, 156, 138) }
```


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

```
.border{ border-color:rgb(124, 156, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 156, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 156, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 156, 138);  
box-shadow:4px 4px 4px 4px rgb(124, 156,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7881, 29.8970, 28.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 156, 138) }
```

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

```
.background{ background-color: rgb(124,  
156, 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](#).

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