

Converting Colors

XYZ(24.9350, 28.9770, 28.6310)

Have a look what the booklet for
XYZ(24.9350, 28.9770, 28.6310)
contains.

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Color

**XYZ(24.9417, 28.9877,
28.7067)**

Conversions

Conversions Part 1

Format	Color
Hex	81988B
RGB	129, 152, 139
RGB Percent	51%, 60%, 55%
CMY	0.4941, 0.4039, 0.4549
CMYK	0.15, 0.00, 0.09, 0.40
HSL	146°, 10%, 55%
HSV	146°, 15%, 60%
XYZ	24.9417, 28.9877, 28.7067
YIQ	143.6410, -9.5350, -8.9190

Conversions

Conversions Part 2

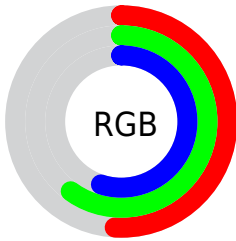
Format	Color
R_{YB}	129, 145, 152
Decimal	8493195
CIE _{Lab}	60.77, -10.80, 4.12
CIE _{LCh}	61, 11.558, 159.120
Yxy	28.9877, 0.3018, 0.3508
Android (android.graphics.Color)	4286683275 (0xFF81988B)
YUV	143.6410, -2.2880, -12.8402
Hunter-Lab	53.8402, -11.5296, 6.0757

Details

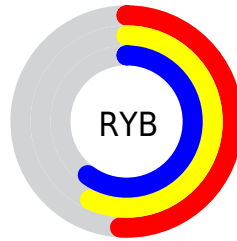
The XYZ color **24.9417, 28.9877, 28.7067** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.6827, 24.3296, 28.9350**, and the grayscale version is **26.3772, 27.7509, 30.2207**.

A 20% lighter version of the original color is **50.8771, 57.8935, 58.3622**, and **9.7651, 11.7341, 11.2014** is the 20% darker color. If you saturate the color by 10%, you get **22.1991, 27.6444, 25.4292**, and if you desaturate by 10%, it is **28.0788, 30.5303, 32.2615**.

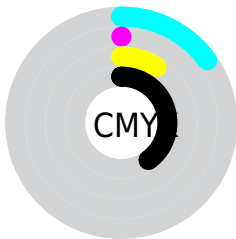
Distribution



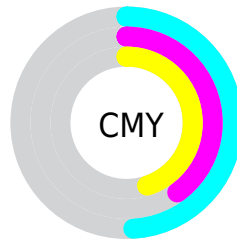
- Red (51%)
- Green (60%)
- Blue (55%)



- Red (51%)
- Yellow (57%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)



- Cyan (49%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9417, 28.9877, 28.7067 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 24.9417, 28.9877, 28.7067 by changing the saturation by 10% instead.

■ 24.9417, 28.9877,
28.7067

■ 24.9417, 28.9877,
28.7067

269.9005,
297.1569, 309.8461

■ 16.1621, 19.0715,
18.6154

■ 51.0062, 58.0575,
58.6474

■ 9.7305, 11.7220,
11.2187

■ 69.0218, 77.9800,
79.3338

■ 5.2815, 6.5547,
6.0981

■ 90.8469, 102.0067,
104.3891

■ 2.4498, 3.1852,
2.8351

116.8467,
130.5219, 134.2316

■ 0.8700, 1.2292,
1.0111

147.3866,
163.9102, 169.2801

■ 0.0000, 0.0853,
0.0000

182.8319,

■ 0.0000, 0.0000,

202.5558, 209.9529

0.0000

223.5481,
246.8433, 256.6688

■ 24.9417, 28.9877,
28.7067

■ 24.9417, 28.9877,
28.7067

■ 22.1991, 27.6444,
25.4292

■ 28.0788, 30.5303,
32.2615

■ 19.8323, 26.4884,
22.4204

■ 31.6232, 32.2763,
36.0981

■ 17.8248, 25.5122,
19.6741

■ 35.5901, 34.2341,
40.2233

■ 16.1576, 24.7061,
17.1830

■ 39.9934, 36.4108,
44.6431

■ 14.8101, 24.0597,
14.9395

■ 44.8460, 38.8130,
49.3633

■ 13.7594, 23.5613,
12.9357

■ 50.1605, 41.4469,
54.3896

■ 12.9791, 23.1975,
11.1632

■ 55.9489, 44.3188,
59.7274

■ 12.4352, 22.9509,
9.6127

■ 62.2229, 47.4345,
65.3821

■ 12.2146, 22.8519,
8.9340

■ 64.9063, 48.6926,
71.1677

Harmonies

Analogous

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



25.7703, 28.9877, 25.5730



24.9417, 28.9877, 28.7067



24.7987, 28.9877, 32.8914

Triad

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



24.9417, 28.9877, 28.7067



28.0121, 28.9877, 40.4500



29.8529, 28.9877, 26.6282

Complementary

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



24.9417, 28.9877, 28.7067



25.6827, 24.3296, 28.9350

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.



30.5018, 28.9877, 30.2702



24.9417, 28.9877, 28.7067



29.4138, 28.9877, 38.4214

Square

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



24.9417, 28.9877, 28.7067



26.5358, 28.9877, 39.9349



30.3382, 28.9877, 34.6021



28.5937, 28.9877, 24.4509

Rectangle

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



24.9417, 28.9877, 28.7067



25.1061, 28.9877, 35.7595



30.3382, 28.9877, 34.6021



30.1517, 28.9877, 27.7077

Sweetspot

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



24.9425, 28.9889, 28.7073



49.5803, 53.8967, 56.9652



26.3528, 29.7966, 25.1316



11.1827, 12.2076, 12.8519



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.9425, 28.9889, 28.7073



42.3917, 50.3651, 48.7547



25.8252, 29.3420, 33.3554



6.2381, 6.9680, 7.1772



10.2562, 19.1659, 7.5698



0.1711, 0.2936, 0.2068

Inverse Universe

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



25.6827, 24.3296, 28.9350



43.9411, 40.6105, 49.2307



24.8652, 24.0026, 24.6301



6.3477, 6.2782, 7.2109



12.2788, 6.1658, 7.9932



0.2018, 0.0995, 0.2155

Previews

White Background



This preview shows how the XYZ color 24.9417, 28.9877, 28.7067 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 24.9417, 28.9877, 28.7067 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

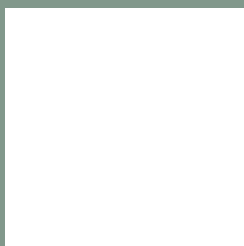
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9417, 28.9877, 28.7067

Background



This preview shows how black text looks on a background with the XYZ color 24.9417, 28.9877, 28.7067.



This preview shows how white text looks on a background with the XYZ color 24.9417, 28.9877,

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

24.9417, 28.9877, 28.7067

Protanopia

27.4853, 28.9147, 27.4250

Deuteranopia

29.2329, 28.6542, 29.1894



Tritanopia

26.8533, 29.0546, 37.9110

Trichromacy



Original Color

24.9417, 28.9877, 28.7067

Protanomaly

26.4330, 28.8256, 27.8376

Deuteranomaly

27.4367, 28.6283, 28.8907

Tritanomaly

26.1718, 29.0181, 34.3586

Monochromacy



Original Color

24.9417, 28.9877, 28.7067

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.9637, 28.3094, 29.6870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9417, 28.9877, 28.7067 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(129, 152, 139)` looks like.

```
.text, #text, p{  
    color:rgb(129, 152, 139)  
}
```

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(129, 152, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 152, 139) }
```

Border

The CSS property to change the border of an element to XYZ 24.9417, 28.9877, 28.7067 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(129, 152, 139) }
```


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

```
.border{ border-color:rgb(129, 152, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 152, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 152, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 152, 139);  
box-shadow:4px 4px 4px 4px rgb(129, 152,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9417, 28.9877, 28.7067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 152, 139) }
```

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

```
.background{ background-color: rgb(129,  
152, 139) }
```

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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