

Converting Colors

XYZ(28.9764, 37.8390, 27.7576)

Have a look what the booklet for
XYZ(28.9764, 37.8390, 27.7576)
contains.

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Color

**XYZ(28.9403, 37.7774,
27.5962)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 81B184 |
| RGB | 129, 177, 132 |
| RGB Percent | 51%, 69%, 52% |
| CMY | 0.4941, 0.3059, 0.4823 |
| CMYK | 0.27, 0.00, 0.25, 0.31 |
| HSL | 124°, 24%, 60% |
| HSV | 124°, 27%, 69% |
| XYZ | 28.9403, 37.7774, 27.5962 |
| YIQ | 157.5180, -14.1630, -24.1710 |

Conversions

Conversions Part 2

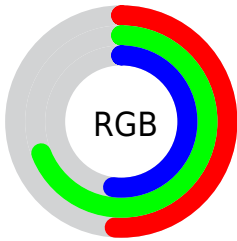
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 129, 174, 177 |
| Decimal | 8499588 |
| CIELab | 67.86, -25.07, 18.01 |
| CIElCh | 68, 30.872, 144.309 |
| Yxy | 37.7774, 0.3069, 0.4005 |
| Android (android.graphics.Color) | 4286689668 (0xFF81B184) |
| YUV | 157.5180, -12.5804, -25.0103 |
| Hunter-Lab | 61.4633, -23.5132, 16.4039 |

Details

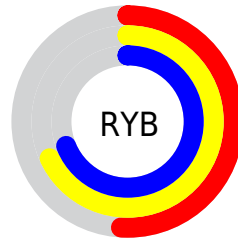
The XYZ color **28.9403, 37.7774, 27.5962** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.6231, 28.1045, 43.6988**, and the grayscale version is **32.3418, 34.0260, 37.0544**.

A 20% lighter version of the original color is **57.4243, 71.8479, 56.7404**, and **11.8725, 16.6442, 10.5695** is the 20% darker color. If you saturate the color by 10%, you get **25.4344, 36.0921, 21.9688**, and if you desaturate by 10%, it is **33.0946, 39.7783, 34.1985**.

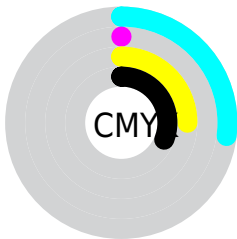
Distribution



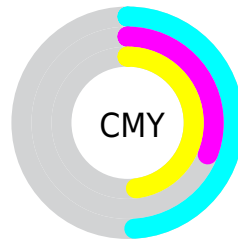
- Red (51%)
- Green (69%)
- Blue (52%)



- Red (51%)
- Yellow (68%)
- Blue (69%)



- Cyan (27%)
- Magenta (0%)
- Yellow (25%)
- Black (31%)



- Cyan (49%)
- Magenta (31%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9403, 37.7774, 27.5962 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 28.9403, 37.7774, 27.5962 by changing the saturation by 10% instead.

■ 28.9403, 37.7774,
27.5962

■ 28.9403, 37.7774,
27.5962

288.9325,
336.6641, 304.3833

■ 19.1797, 25.8100,
17.7851

■ 57.3804, 71.7668,
56.8544

■ 11.9050, 16.6815,
10.6280

■ 76.7907, 94.5576,
77.1386

■ 6.7507, 10.0077,
5.7063

■ 100.1482,
121.7250, 101.7510

■ 3.3517, 5.4041,
2.6014

127.8184,
153.6533, 131.1100

■ 1.3423, 2.4862,
0.8932

160.1666,
190.7270, 165.6342

■ 0.2146, 0.8697,
0.0000

197.5580,

■ 0.0000, 0.0000,

233.3304, 205.7421

0.0000

240.3582,
281.8480, 251.8523

■ 28.9403, 37.7774,
27.5962

■ 28.9403, 37.7774,
27.5962

■ 25.4344, 36.0921,
21.9688

■ 33.0946, 39.7783,
34.1985

■ 22.5413, 34.7017,
17.2677

■ 37.9246, 42.1047,
41.8160

■ 20.2268, 33.5907,
13.4441

■ 43.4596, 44.7718,
50.4901

■ 18.4518, 32.7403,
10.4435

■ 49.7263, 47.7927,
60.2588

■ 17.1725, 32.1290,
8.2056

■ 56.7501, 51.1796,
71.1585

■ 16.3384, 31.7323,
6.6617

■ 64.5549, 54.9442,
83.2238

■ 15.8791, 31.5156,
5.7303

■ 73.1640, 59.0976,
96.4879

■ 15.7837, 31.4701,
5.5610

■ 75.0129, 59.9258,
102.2210

Harmonies

Analogous

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



32.2505, 37.7774, 21.4898



28.9403, 37.7774, 27.5962



27.5073, 37.7774, 38.5753

Triad

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



28.9403, 37.7774, 27.5962



35.0017, 37.7774, 73.3181



44.9605, 37.7774, 31.2118

Complementary

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



28.9403, 37.7774, 27.5962



33.6231, 28.1045, 43.6988

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.



45.8615, 37.7774, 43.8017



28.9403, 37.7774, 27.5962



39.8284, 37.7774, 70.1222

Square

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



28.9403, 37.7774, 27.5962



30.8017, 37.7774, 66.4592



43.9090, 37.7774, 58.5002



41.5458, 37.7774, 23.2297

Rectangle

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



28.9403, 37.7774, 27.5962



27.7088, 37.7774, 47.9952



43.9090, 37.7774, 58.5002



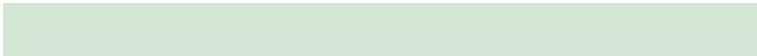
45.5794, 37.7774, 34.9585

Sweetspot

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



28.9413, 37.7790, 27.5970



66.9819, 74.9533, 73.4148



37.2758, 42.0990, 26.9306



14.2257, 16.1037, 15.4532



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.9413, 37.7790, 27.5970



47.6542, 65.6485, 42.7331



30.7266, 38.4931, 36.9984



8.4098, 9.4984, 9.1517



11.4436, 22.8034, 4.0730



0.3671, 0.7203, 0.1655

Inverse Universe

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



33.6231, 28.1045, 43.6988



57.5485, 45.1976, 76.7580



31.5364, 27.2699, 32.7106



8.8266, 8.6374, 10.5855



18.1280, 8.7687, 26.8976



0.5772, 0.2786, 0.8824

Previews

White Background



This preview shows how the XYZ color 28.9403, 37.7774, 27.5962 looks on a white background.

Color Contrast Check

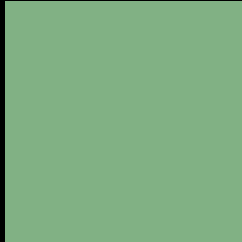
Large Text (above 18pt) WCAG AA × Fail

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 28.9403, 37.7774, 27.5962 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 ✓ Pass

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

XYZ 28.9403, 37.7774, 27.5962

Background



This preview shows how black text looks on a background with the XYZ color 28.9403, 37.7774, 27.5962.



This preview shows how white text looks on a background with the XYZ color 28.9403, 37.7774,

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

28.9403, 37.7774, 27.5962

Protanopia

35.1255, 37.6467, 25.1539

Deuteranopia

38.1567, 37.3077, 28.4826



Tritanopia

33.5077, 37.6134, 50.8415

Trichromacy



Original Color

28.9403, 37.7774, 27.5962

Protanomaly

32.3823, 37.3054, 25.9160

Deuteranomaly

33.9768, 36.9844, 28.2696

Tritanomaly

31.7268, 37.7546, 41.2125

Monochromacy



Original Color

28.9403, 37.7774, 27.5962

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

30.9126, 35.2832, 33.6148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9403, 37.7774, 27.5962 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, 177, 132)` looks like.

```
.text, #text, p{  
    color:rgb(129, 177, 132)  
}
```

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, 177, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 177, 132) }
```

Border

The CSS property to change the border of an element to XYZ 28.9403, 37.7774, 27.5962 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, 177, 132) }
```


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

```
.border{ border-color:rgb(129, 177, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 177, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 177, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 177, 132);  
box-shadow:4px 4px 4px 4px rgb(129, 177,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9403, 37.7774, 27.5962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 177, 132) }
```

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

```
.background{ background-color: rgb(129,  
177, 132) }
```

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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