

Converting Colors

XYZ(23.3456, 28.4176, 23.2386)

Have a look what the booklet for
XYZ(23.3456, 28.4176, 23.2386)
contains.

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Color

**XYZ(23.4868, 28.5977,
23.3508)**

Conversions

Conversions Part 1

Format	Color
Hex	7D997C
RGB	125, 153, 124
RGB Percent	49%, 60%, 49%
CMY	0.5098, 0.4000, 0.5137
CMYK	0.18, 0.00, 0.19, 0.40
HSL	118°, 12%, 54%
HSV	118°, 19%, 60%
XYZ	23.4868, 28.5977, 23.3508
YIQ	141.3220, -7.3790, -14.9550

Conversions

Conversions Part 2

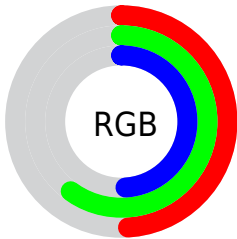
Format	Color
RYB	124, 153, 152
Decimal	8231292
CIELab	60.42, -15.66, 12.05
CIElCh	60, 19.759, 142.410
Yxy	28.5977, 0.3114, 0.3791
Android (android.graphics.Color)	4286421372 (0xFF7D997C)
YUV	141.3220, -8.5397, -14.3144
Hunter-Lab	53.4768, -15.1880, 11.5446

Details

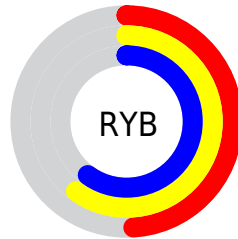
The XYZ color **23.4868, 28.5977, 23.3508** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.9075, 23.3914, 33.2880**, and the grayscale version is **25.4791, 26.8060, 29.1917**.

A 20% lighter version of the original color is **48.6087, 57.2649, 50.0863**, and **9.0019, 11.5472, 8.4110** is the 20% darker color. If you saturate the color by 10%, you get **20.5949, 27.2109, 18.5505**, and if you desaturate by 10%, it is **26.8512, 30.2123, 28.9582**.

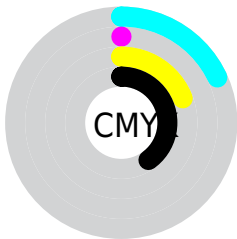
Distribution



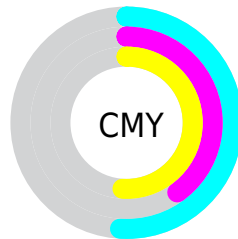
- Red (49%)
- Green (60%)
- Blue (49%)



- Red (49%)
- Yellow (60%)
- Blue (60%)



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (40%)



- Cyan (51%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4868, 28.5977, 23.3508 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 23.4868, 28.5977, 23.3508 by changing the saturation by 10% instead.

■ 23.4868, 28.5977,
23.3508

■ 23.4868, 28.5977,
23.3508

262.7044,
295.3120, 282.7018

■ 15.0760, 18.7767,
14.6450

■ 48.6522, 57.4373,
49.8992

■ 8.9594, 11.5090,
8.4268

■ 66.1376, 77.2247,
68.5789

■ 4.7716, 6.4103,
4.2776

■ 87.3785, 101.1030,
91.4202

■ 2.1473, 3.0962,
1.7788

112.7404,
129.4566, 118.8419

■ 0.7147, 1.1821,
0.4139

142.5886,
162.6699, 151.2623

■ 0.0000, 0.0470,
0.0000

177.2884,

■ 0.0000, 0.0000,

201.1273, 189.1001

0.0000

217.2052,
245.2132, 232.7737

■ 23.4868, 28.5977,
23.3508

■ 23.4868, 28.5977,
23.3508

■ 20.5949, 27.2109,
18.5505

■ 26.8512, 30.2123,
28.9582

■ 18.1521, 26.0384,
14.5184

■ 30.7056, 32.0606,
35.4053

■ 16.1367, 25.0704,
11.2152

■ 35.0692, 34.1526,
42.7256

■ 14.5241, 24.2953,
8.5973

■ 39.9596, 36.4968,
50.9497

■ 13.2871, 23.7002,
6.6168

■ 45.3936, 39.1010,
60.1071

■ 12.3955, 23.2706,
5.2191

■ 51.3873, 41.9731,
70.2258

■ 11.8141, 22.9897,
4.3410

■ 57.9559, 45.1204,
81.3326

■ 11.4859, 22.8311,
3.8474

■ 65.1143, 48.5498,
93.4534

■ 11.4578, 22.8176,
3.8004

■ 70.6818, 51.2636,
100.7773

Harmonies

Analogous

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



25.3589, 28.5977, 19.9002



23.4868, 28.5977, 23.3508



22.6155, 28.5977, 29.3241

Triad

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



23.4868, 28.5977, 23.3508



26.5403, 28.5977, 47.1895



31.9585, 28.5977, 26.0973

Complementary

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



23.4868, 28.5977, 23.3508



25.9075, 23.3914, 33.2880

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.



32.3236, 28.5977, 33.0252



23.4868, 28.5977, 23.3508



29.0889, 28.5977, 45.9665

Square

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



23.4868, 28.5977, 23.3508



24.3054, 28.5977, 43.6091



31.2441, 28.5977, 40.4886



30.2754, 28.5977, 21.3049

Rectangle

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



23.4868, 28.5977, 23.3508



22.6787, 28.5977, 34.2464



31.2441, 28.5977, 40.4886



32.2435, 28.5977, 28.2237

Sweetspot

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



23.4876, 28.5989, 23.3514



49.9524, 54.9997, 54.9779



27.9316, 30.5397, 23.4918



10.9446, 12.1035, 11.9969



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.



23.4876, 28.5989, 23.3514



39.6286, 50.0477, 37.7748



24.2233, 28.8764, 27.9836



6.1509, 6.9352, 6.6203



9.4752, 18.8605, 3.1411



0.1463, 0.2843, 0.0472

Inverse Universe

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



25.9075, 23.3914, 33.2880



44.8241, 38.8654, 59.1113



25.0755, 23.0803, 27.9259



6.4402, 6.3128, 7.8080



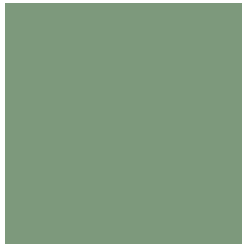
14.8108, 7.0863, 25.4949



0.2270, 0.1088, 0.3814

Previews

White Background



This preview shows how the XYZ color 23.4868, 28.5977, 23.3508 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 23.4868, 28.5977, 23.3508 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 23.4868, 28.5977, 23.3508

Background



This preview shows how black text looks on a background with the XYZ color 23.4868, 28.5977, 23.3508.



This preview shows how white text looks on a background with the XYZ color 23.4868, 28.5977,

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

23.4868, 28.5977, 23.3508

Protanopia

26.8420, 28.4769, 21.8512

Deuteranopia

28.9347, 28.3955, 24.0345



Tritanopia

26.2951, 28.5432, 37.3812

Trichromacy



Original Color

23.4868, 28.5977, 23.3508

Protanomaly

25.3688, 28.3999, 22.2338

Deuteranomaly

26.6538, 28.3365, 23.8033

Tritanomaly

25.2261, 28.5864, 31.7919

Monochromacy



Original Color

23.4868, 28.5977, 23.3508

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.4902, 27.1510, 26.8716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4868, 28.5977, 23.3508 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(125, 153, 124)` looks like.

```
.text, #text, p{  
    color:rgb(125, 153, 124)  
}
```

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(125, 153, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 153, 124) }
```

Border

The CSS property to change the border of an element to XYZ 23.4868, 28.5977, 23.3508 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(125, 153, 124) }
```


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

```
.border{ border-color:rgb(125, 153, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 153, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 153, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 153, 124);  
box-shadow:4px 4px 4px 4px rgb(125, 153,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4868, 28.5977, 23.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 153, 124) }
```

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

```
.background{ background-color: rgb(125,  
153, 124) }
```

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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