

Converting Colors

XYZ(22.9678, 27.3169, 23.4269)

Have a look what the booklet for
XYZ(22.9678, 27.3169, 23.4269)
contains.

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Color

**XYZ(23.0533, 27.4112,
23.4779)**

Conversions

Conversions Part 1

Format	Color
Hex	7E957D
RGB	126, 149, 125
RGB Percent	49%, 58%, 49%
CMY	0.5059, 0.4157, 0.5098
CMYK	0.15, 0.00, 0.16, 0.42
HSL	118°, 10%, 54%
HSV	118°, 16%, 58%
XYZ	23.0533, 27.4112, 23.4779
YIQ	139.3870, -6.0040, -12.3400

Conversions

Conversions Part 2

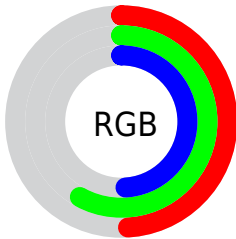
Format	Color
RYB	125, 149, 148
Decimal	8295805
CIELab	59.35, -12.98, 9.99
CIElCh	59, 16.378, 142.419
Yxy	27.4112, 0.3118, 0.3707
Android (android.graphics.Color)	4286485885 (0xFF7E957D)
YUV	139.3870, -7.0928, -11.7404
Hunter-Lab	52.3557, -13.0252, 10.0615

Details

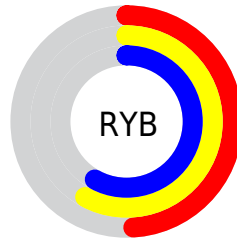
The XYZ color **23.0533, 27.4112, 23.4779** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.9723, 23.1339, 31.5843**, and the grayscale version is **24.7186, 26.0059, 28.3205**.

A 20% lighter version of the original color is **47.9822, 55.5099, 50.3050**, and **8.7328, 10.8349, 8.4686** is the 20% darker color. If you saturate the color by 10%, you get **20.2146, 26.0504, 18.7435**, and if you desaturate by 10%, it is **26.3369, 28.9864, 28.9798**.

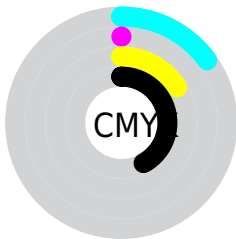
Distribution



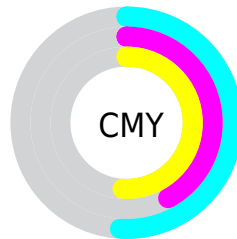
- Red (49%)
- Green (58%)
- Blue (49%)



- Red (49%)
- Yellow (58%)
- Blue (58%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)
- Black (42%)



- Cyan (51%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0533, 27.4112, 23.4779 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 23.0533, 27.4112, 23.4779 by changing the saturation by 10% instead.

■ 23.0533, 27.4112,
23.4779

■ 23.0533, 27.4112,
23.4779

260.5289,
289.6426, 283.3712

■ 14.7538, 17.8823,
14.7382

■ 47.9468, 55.5430,
50.1100

■ 8.7320, 10.8655,
8.4913

■ 65.2716, 74.9147,
68.8394

■ 4.6225, 5.9765,
4.3186

■ 86.3354, 98.3361,
91.7358

■ 2.0600, 2.8308,
1.8017

111.5037,
126.1916, 119.2177

■ 0.6673, 1.0440,
0.4291

141.1419,
158.8656, 151.7036

■ 0.0000, 0.0000,
0.0000

175.6152,

196.7425, 189.6122

215.2891,
240.2067, 233.3619

■ 23.0533, 27.4112,
23.4779

■ 23.0533, 27.4112,
23.4779

■ 20.2146, 26.0504,
18.7435

■ 26.3369, 28.9864,
28.9798

■ 17.7996, 24.8915,
14.7408

■ 30.0811, 30.7811,
35.2791

■ 15.7886, 23.9260,
11.4337

■ 34.3035, 32.8044,
42.4066

■ 14.1596, 23.1432,
8.7828

■ 39.0201, 35.0641,
50.3908

■ 12.8884, 22.5316,
6.7442

■ 44.2462, 37.5673,
59.2587

■ 11.9480, 22.0785,
5.2690

■ 49.9964, 40.3212,
69.0364

■ 11.3076, 21.7692,
4.3008

■ 56.2848, 43.3324,
79.7487

■ 10.9281, 21.5852,
3.7569

■ 63.1248, 46.6073,
91.4196

■ 10.8257, 21.5360,
3.5863

■ 69.8615, 49.8850,
100.5544

Harmonies

Analogous

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



24.5792, 27.4112, 20.5806



23.0533, 27.4112, 23.4779



22.3388, 27.4112, 28.3817

Triad

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



23.0533, 27.4112, 23.4779



25.5370, 27.4112, 42.4912



29.8693, 27.4112, 25.7450

Complementary

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



23.0533, 27.4112, 23.4779



24.9723, 23.1339, 31.5843

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.



30.1588, 27.4112, 31.3601



23.0533, 27.4112, 23.4779



27.5857, 27.4112, 41.5435

Square

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



23.0533, 27.4112, 23.4779



23.7230, 27.4112, 39.7146



29.3034, 27.4112, 37.2729



28.5319, 27.4112, 21.7649

Rectangle

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



23.0533, 27.4112, 23.4779



22.3910, 27.4112, 32.3400



29.3034, 27.4112, 37.2729



30.0952, 27.4112, 27.4839

Sweetspot

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



23.0540, 27.4124, 23.4785



47.8010, 52.2138, 52.9668



26.6559, 28.9888, 23.5929



10.5043, 11.5286, 11.5886



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.0540, 27.4124, 23.4785



39.5326, 48.2492, 39.1179



23.6355, 27.6280, 27.3060



5.7506, 6.4793, 6.1880



9.1173, 18.1280, 3.0185



0.1160, 0.2242, 0.0372

Inverse Universe

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



24.9723, 23.1339, 31.5843



43.5742, 39.2339, 56.1975



24.3310, 22.8983, 27.2591



6.0117, 5.8970, 7.2911



14.0762, 6.7291, 24.4880



0.1782, 0.0854, 0.3000

Previews

White Background



This preview shows how the XYZ color 23.0533, 27.4112, 23.4779 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 23.0533, 27.4112, 23.4779 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

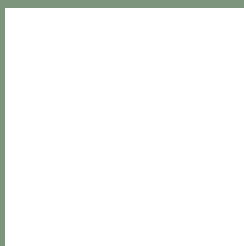
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0533, 27.4112, 23.4779

Background



This preview shows how black text looks on a background with the XYZ color 23.0533, 27.4112, 23.4779.



This preview shows how white text looks on a background with the XYZ color 23.0533, 27.4112,

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

23.0533, 27.4112, 23.4779

Protanopia

25.7635, 27.2352, 22.3114

Deuteranopia

27.6767, 27.1050, 23.8517



Tritanopia

25.4862, 27.4764, 35.4127

Trichromacy



Original Color

23.0533, 27.4112, 23.4779

Protanomaly

24.6851, 27.3436, 22.7157

Deuteranomaly

25.6852, 26.9457, 23.5859

Tritanomaly

24.4430, 27.2692, 30.7633

Monochromacy



Original Color

23.0533, 27.4112, 23.4779

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.9571, 26.4345, 26.3940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0533, 27.4112, 23.4779 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(126, 149, 125)` looks like.

```
.text, #text, p{  
    color:rgb(126, 149, 125)  
}
```

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(126, 149, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 149, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.0533, 27.4112, 23.4779 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(126, 149, 125) }
```


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

```
.border{ border-color:rgb(126, 149, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 149, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 149, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 149, 125);  
box-shadow:4px 4px 4px 4px rgb(126, 149,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0533, 27.4112, 23.4779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 149, 125) }
```

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

```
.background{ background-color: rgb(126,  
149, 125) }
```

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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