

Converting Colors

XYZ(23.9286, 29.1835, 23.6172)

Have a look what the booklet for
XYZ(23.9286, 29.1835, 23.6172)
contains.

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Color

**XYZ(23.8615, 29.0275,
23.7473)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9A7D
RGB	126, 154, 125
RGB Percent	49%, 60%, 49%
CMY	0.5059, 0.3961, 0.5098
CMYK	0.18, 0.00, 0.19, 0.40
HSL	118°, 13%, 55%
HSV	118°, 19%, 60%
XYZ	23.8615, 29.0275, 23.7473
YIQ	142.3220, -7.3790, -14.9550

Conversions

Conversions Part 2

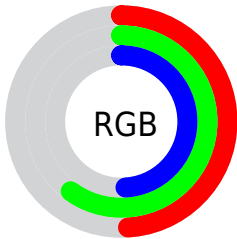
Format	Color
RYB	125, 154, 153
Decimal	8297085
CIELab	60.81, -15.64, 12.04
CIElCh	61, 19.735, 142.417
Yxy	29.0275, 0.3114, 0.3788
Android (android.graphics.Color)	4286487165 (0xFF7E9A7D)
YUV	142.3220, -8.5397, -14.3144
Hunter-Lab	53.8772, -15.2297, 11.5809

Details

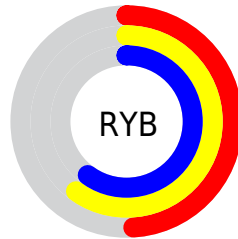
The XYZ color **23.8615, 29.0275, 23.7473** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.3044, 23.7735, 33.7757**, and the grayscale version is **25.8743, 27.2217, 29.6445**.

A 20% lighter version of the original color is **49.1822, 57.9098, 50.7050**, and **9.1352, 11.7588, 8.6257** is the 20% darker color. If you saturate the color by 10%, you get **20.9211, 27.6175, 18.8663**, and if you desaturate by 10%, it is **27.2820, 30.6690, 29.4483**.

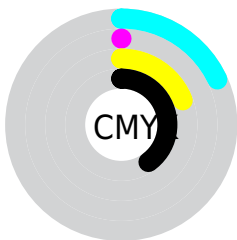
Distribution



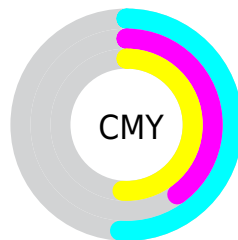
- Red (49%)
- Green (60%)
- Blue (49%)



- 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 23.8615, 29.0275, 23.7473 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 23.8615, 29.0275, 23.7473 by changing the saturation by 10% instead.

■ 23.8615, 29.0275,
23.7473

■ 23.8615, 29.0275,
23.7473

264.5730,
297.3447, 284.7857

■ 15.3551, 19.1016,
14.9358

■ 49.2604, 58.1208,
50.5562

■ 9.1569, 11.7437,
8.6282

■ 66.8836, 78.0570,
69.3906

■ 4.9016, 6.5694,
4.4060

■ 88.2765, 102.0987,
92.4031

■ 2.2238, 3.1943,
1.8506

113.8044,
130.6304, 120.0123

■ 0.7552, 1.2340,
0.4610

143.8326,
164.0365, 152.6366

■ 0.0000, 0.0892,
0.0000

178.7266,

■ 0.0000, 0.0000,

202.7013, 190.6945

0.0000

218.8516,
247.0092, 234.6047

■ 23.8615, 29.0275,
23.7473

■ 23.8615, 29.0275,
23.7473

■ 20.9211, 27.6175,
18.8663

■ 27.2820, 30.6690,
29.4483

■ 18.4371, 26.4251,
14.7658

■ 31.2002, 32.5479,
36.0026

■ 16.3873, 25.4407,
11.4059


■ 35.6358, 34.6745,
43.4439


■ 14.7468, 24.6522,
8.7426


■ 40.6067, 37.0572,
51.8036


■ 13.4881, 24.0466,
6.7268


■ 46.1298, 39.7041,
61.1114


 12.5803, 23.6092,
5.3036


 52.2215, 42.6232,
71.3958


 11.9879, 23.3230,
4.4085

 58.8973, 45.8218,
82.6842

 11.6542, 23.1617,
3.9081

 66.1723, 49.3070,
95.0026

 11.6226, 23.1466,
3.8552

 70.8462, 51.5923,
100.8321

Harmonies

Analogous

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



25.7506, 29.0275, 20.2602



23.8615, 29.0275, 23.7473



22.9822, 29.0275, 29.7778

Triad

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



23.8615, 29.0275, 23.7473



26.9438, 29.0275, 47.7842



32.4069, 29.0275, 26.5177

Complementary

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



23.8615, 29.0275, 23.7473



26.3044, 23.7735, 33.7757

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.



32.7753, 29.0275, 33.5075



23.8615, 29.0275, 23.7473



29.5145, 29.0275, 46.5510

Square

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



23.8615, 29.0275, 23.7473



24.6886, 29.0275, 44.1788



31.6875, 29.0275, 41.0314



30.7098, 29.0275, 21.6783

Rectangle

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



23.8615, 29.0275, 23.7473



23.0463, 29.0275, 34.7430



31.6875, 29.0275, 41.0314



32.6943, 29.0275, 28.6638

Sweetspot

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



23.8623, 29.0287, 23.7479



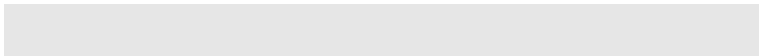
51.3967, 56.5921, 56.5654



28.3471, 30.9876, 23.8897



11.5409, 12.7650, 12.6488



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.



23.8623, 29.0287, 23.7479



40.7667, 51.4932, 38.8522



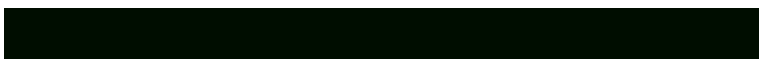
24.6050, 29.3089, 28.4250



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.



26.3044, 23.7735, 33.7757



46.1165, 39.9788, 60.8224



25.4651, 23.4596, 28.3668



6.4402, 6.3128, 7.8080



14.8107, 7.0863, 25.4949



0.2270, 0.1088, 0.3814

Previews

White Background



This preview shows how the XYZ color 23.8615, 29.0275, 23.7473 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 23.8615, 29.0275, 23.7473 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 23.8615, 29.0275, 23.7473

Background



This preview shows how black text looks on a background with the XYZ color 23.8615, 29.0275, 23.7473.



This preview shows how white text looks on a background with the XYZ color 23.8615, 29.0275,

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

23.8615, 29.0275, 23.7473

Protanopia

27.2476, 28.9068, 22.2326

Deuteranopia

29.3575, 28.8238, 24.4383



Tritanopia

26.6962, 28.9736, 37.9036

Trichromacy



Original Color

23.8615, 29.0275, 23.7473

Protanomaly

25.7619, 28.8293, 22.6192

Deuteranomaly

27.0585, 28.7655, 24.2048

Tritanomaly

25.6178, 29.0172, 32.2676

Monochromacy



Original Color

23.8615, 29.0275, 23.7473

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.8762, 27.5696, 27.3029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8615, 29.0275, 23.7473 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, 154, 125)` looks like.

```
.text, #text, p{  
    color:rgb(126, 154, 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, 154, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 154, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.8615, 29.0275, 23.7473 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, 154, 125) }
```


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

```
.border{ border-color:rgb(126, 154, 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, 154, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 154, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 154, 125);  
box-shadow:4px 4px 4px 4px rgb(126, 154,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8615, 29.0275, 23.7473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 154, 125) }
```

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

```
.background{ background-color: rgb(126,  
154, 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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