

Converting Colors

XYZ(24.8387, 29.8244, 23.4231)

Have a look what the booklet for
XYZ(24.8387, 29.8244, 23.4231)
contains.

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Color

**XYZ(24.8752, 29.8035,
23.5104)**

Conversions

Conversions Part 1

Format	Color
Hex	849B7C
RGB	132, 155, 124
RGB Percent	52%, 61%, 49%
CMY	0.4823, 0.3921, 0.5137
CMYK	0.15, 0.00, 0.20, 0.39
HSL	105°, 13%, 55%
HSV	105°, 20%, 61%
XYZ	24.8752, 29.8035, 23.5104
YIQ	144.5890, -3.7570, -14.5170

Conversions

Conversions Part 2

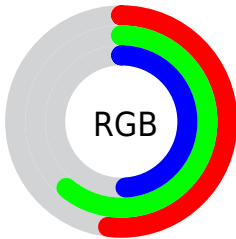
Format	Color
RYB	124, 155, 147
Decimal	8690556
CIELab	61.48, -14.16, 13.61
CIELCh	61, 19.638, 136.137
Yxy	29.8035, 0.3181, 0.3812
Android (android.graphics.Color)	4286880636 (0xFF849B7C)
YUV	144.5890, -10.1504, -11.0406
Hunter-Lab	54.5926, -14.2032, 12.6815

Details

The XYZ color **24.8752, 29.8035, 23.5104** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **25.1579, 22.9858, 34.1227**, and the grayscale version is **26.7886, 28.1837, 30.6920**.

A 20% lighter version of the original color is **50.7439, 59.0895, 50.3259**, and **9.7000, 12.2025, 8.5007** is the 20% darker color. If you saturate the color by 10%, you get **22.2708, 28.5662, 18.6676**, and if you desaturate by 10%, it is **27.8337, 31.2072, 29.1754**.

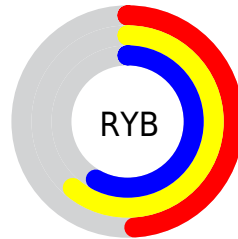
Distribution



Red (52%)

Green (61%)

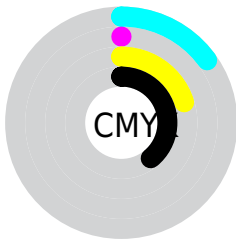
Blue (49%)



Red (49%)

Yellow (61%)

Blue (58%)

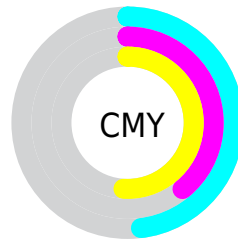


Cyan (15%)

Magenta (0%)

Yellow (20%)

Black (39%)



Cyan (48%)

Magenta (39%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8752, 29.8035, 23.5104 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 24.8752, 29.8035, 23.5104 by changing the saturation by 10% instead.

■ 24.8752, 29.8035,
23.5104

■ 24.8752, 29.8035,
23.5104

269.5750,
300.9874, 283.5422

■ 16.1123, 19.6895,
14.7620

■ 50.8990, 59.3513,
50.1638

■ 9.6950, 12.1695,
8.5078

■ 68.8907, 79.5538,
68.9059

■ 5.2579, 6.8592,
4.3291

■ 90.6894, 103.8881,
91.8164

■ 2.4357, 3.3742,
1.8076

116.6604,
132.7383, 119.3137

■ 0.8629, 1.3301,
0.4330

147.1691,
166.4889, 151.8163

■ 0.0000, 0.1643,
0.0000

182.5809,

■ 0.0000, 0.0000,

205.5244, 189.7430

0.0000

223.2610,
250.2291, 233.5121

■ 24.8752, 29.8035,
23.5104

■ 24.8752, 29.8035,
23.5104

■ 22.2708, 28.5662,
18.6676

■ 27.8337, 31.2072,
29.1754

■ 20.0044, 27.4854,
14.6070

■ 31.1566, 32.7793,
35.6962

■ 18.0623, 26.5557,
11.2879

■ 34.8569, 34.5267,
43.1071

■ 16.4290, 25.7700,
8.6656

■ 38.9462, 36.4547,
51.4398

■ 15.0874, 25.1208,
6.6903

■ 43.4356, 38.5682,
60.7243

■ 14.0189, 24.5995,
5.3056

■ 48.3358, 40.8722,
70.9897

■ 13.2021, 24.1966,
4.4454

■ 53.6568, 43.3712,
82.2633

■ 12.5968, 23.8949,
3.9483

■ 59.4087, 46.0700,
94.5717

■ 64.2010, 48.4127,
100.5686

Harmonies

Analogous

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



26.9611, 29.8035, 20.5540



24.8752, 29.8035, 23.5104



23.7477, 29.8035, 29.1414

Triad

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



24.8752, 29.8035, 23.5104



27.1469, 29.8035, 48.4218



33.4035, 29.8035, 28.6338

Complementary

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



24.8752, 29.8035, 23.5104



25.1579, 22.9858, 34.1227

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.



33.4608, 29.8035, 36.0020



24.8752, 29.8035, 23.5104



29.7389, 29.8035, 48.2301

Square

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



24.8752, 29.8035, 23.5104



25.0040, 29.8035, 43.9010



32.0849, 29.8035, 43.4116



31.9328, 29.8035, 23.1880

Rectangle

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



24.8752, 29.8035, 23.5104



23.6439, 29.8035, 34.0050



32.0849, 29.8035, 43.4116



33.5916, 29.8035, 30.9450

Sweetspot

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



24.8760, 29.8048, 23.5111



52.0769, 56.9428, 56.5973



27.5492, 29.2097, 23.2553



11.7087, 12.8515, 12.6566



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.



24.8760, 29.8048, 23.5111



42.3873, 52.3481, 38.0513



24.1470, 29.3742, 25.9535



6.2742, 6.9988, 6.6261



10.1488, 19.2078, 3.1726



0.1819, 0.3027, 0.0488

Inverse Universe

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



25.1579, 22.9858, 34.1227



42.9836, 37.8697, 60.5804



26.0532, 23.5154, 31.0873



6.3056, 6.2434, 7.8017



10.4681, 4.8476, 25.2916



0.1895, 0.0895, 0.3797

Previews

White Background



This preview shows how the XYZ color 24.8752, 29.8035, 23.5104 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 24.8752, 29.8035, 23.5104 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 24.8752, 29.8035, 23.5104

Background



This preview shows how black text looks on a background with the XYZ color 24.8752, 29.8035, 23.5104.



This preview shows how white text looks on a background with the XYZ color 24.8752, 29.8035,

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

24.8752, 29.8035, 23.5104

Protanopia

27.9457, 29.7284, 22.3544

Deuteranopia

30.2308, 29.7233, 24.2225



Tritanopia

27.9092, 29.8246, 38.4682

Trichromacy



Original Color

24.8752, 29.8035, 23.5104

Protanomaly

26.7922, 29.8343, 22.7588

Deuteranomaly

27.9099, 29.4417, 23.9505

Tritanomaly

26.7269, 29.8288, 32.3659

Monochromacy



Original Color

24.8752, 29.8035, 23.5104

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.0780, 28.8765, 27.8662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8752, 29.8035, 23.5104 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(132, 155, 124)` looks like.

```
.text, #text, p{  
    color:rgb(132, 155, 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(132, 155, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 155, 124) }
```

Border

The CSS property to change the border of an element to XYZ 24.8752, 29.8035, 23.5104 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(132, 155, 124) }
```


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

```
.border{ border-color:rgb(132, 155, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 155, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 155, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 155, 124);  
box-shadow:4px 4px 4px 4px rgb(132, 155,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8752, 29.8035, 23.5104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 155, 124) }
```

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

```
.background{ background-color: rgb(132,  
155, 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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