

Converting Colors

XYZ(24.0500, 29.4914, 24.6489)

Have a look what the booklet for
XYZ(24.0500, 29.4914, 24.6489)
contains.

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Color

**XYZ(24.0314, 29.5943,
24.5244)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9C7F
RGB	124, 156, 127
RGB Percent	49%, 61%, 50%
CMY	0.5137, 0.3882, 0.5020
CMYK	0.21, 0.00, 0.19, 0.39
HSL	126°, 14%, 55%
HSV	126°, 21%, 61%
XYZ	24.0314, 29.5943, 24.5244
YIQ	143.1260, -9.7630, -15.8030

Conversions

Conversions Part 2

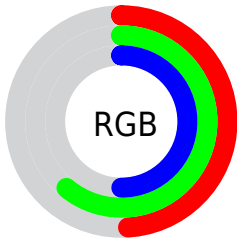
Format	Color
RYB	124, 153, 156
Decimal	8166527
CIELab	61.30, -17.03, 11.59
CIElCh	61, 20.605, 145.759
Yxy	29.5943, 0.3075, 0.3787
Android (android.graphics.Color)	4286356607 (0xFF7C9C7F)
YUV	143.1260, -7.9501, -16.7735
Hunter-Lab	54.4006, -16.3490, 11.3519

Details

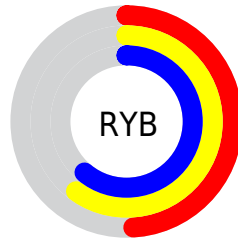
The XYZ color **24.0314, 29.5943, 24.5244** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.6687, 23.7838, 33.3233**, and the grayscale version is **26.1929, 27.5570, 30.0096**.

A 20% lighter version of the original color is **49.6639, 59.2309, 51.9952**, and **9.2508, 12.1091, 9.0574** is the 20% darker color. If you saturate the color by 10%, you get **21.0952, 28.1806, 19.9102**, and if you desaturate by 10%, it is **27.4552, 31.2462, 29.8377**.

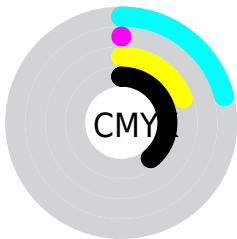
Distribution



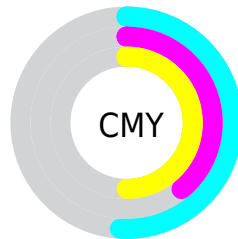
- Red (49%)
- Green (61%)
- Blue (50%)



- Red (49%)
- Yellow (60%)
- Blue (61%)



- Cyan (21%)
- Magenta (0%)
- Yellow (19%)
- Black (39%)



- Cyan (51%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0314, 29.5943, 24.5244 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 24.0314, 29.5943, 24.5244 by changing the saturation by 10% instead.

■ 24.0314, 29.5943,
24.5244

■ 24.0314, 29.5943,
24.5244

265.4167,
300.0088, 288.8325

■ 15.4818, 19.5309,
15.5073

■ 49.5357, 59.0200,
51.8391

■ 9.2467, 12.0545,
9.0256

■ 67.2212, 79.1510,
70.9738

■ 4.9608, 6.7808,
4.6609

■ 88.6826, 103.4067,
94.3181

■ 2.2588, 3.3254,
1.9944

114.2853,
132.1715, 122.2905

■ 0.7735, 1.3039,
0.5519

144.3947,
165.8296, 155.3096

■ 0.0000, 0.1442,
0.0000

179.3762,

■ 0.0000, 0.0000,

204.7657, 193.7940

0.0000

219.5951,
249.3639, 238.1621

■ 24.0314, 29.5943,
24.5244

■ 24.0314, 29.5943,
24.5244

■ 21.0952, 28.1806,
19.9102

■ 27.4552, 31.2462,
29.8377

■ 18.6221, 26.9904,
15.9641

■ 31.3850, 33.1424,
35.8753

■ 16.5891, 26.0135,
12.6557

■ 35.8409, 35.2939,
42.6638

■ 14.9704, 25.2372,
9.9515

■ 40.8414, 37.7095,
50.2277

■ 13.7372, 24.6475,
7.8151

■ 46.4041, 40.3979,
58.5904

■ 12.8572, 24.2285,
6.2059

■ 52.5457, 43.3671,
67.7744

■ 12.2928, 23.9620,
5.0782

■ 59.2823, 46.6250,
77.8012

■ 11.9726, 23.8115,
4.4032

■ 66.6294, 50.1791,
88.6917

■ 71.0569, 52.2092,
100.3000

Harmonies

Analogous

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



25.9211, 29.5943, 20.5505



24.0314, 29.5943, 24.5244



23.2388, 29.5943, 31.1306

Triad

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



24.0314, 29.5943, 24.5244



27.7444, 29.5943, 49.5429



33.0948, 29.5943, 26.1549

Complementary

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



24.0314, 29.5943, 24.5244



26.6687, 23.7838, 33.3233

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.



33.6600, 29.5943, 33.3410



24.0314, 29.5943, 24.5244



30.4578, 29.5943, 47.6439

Square

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



24.0314, 29.5943, 24.5244



25.2933, 29.5943, 46.2240



32.6666, 29.5943, 41.3849



31.1680, 29.5943, 21.3803

Rectangle

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



24.0314, 29.5943, 24.5244



23.3993, 29.5943, 36.4549



32.6666, 29.5943, 41.3849



33.4555, 29.5943, 28.3323

Sweetspot

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



24.0322, 29.5956, 24.5251



52.8857, 58.2070, 58.8458



28.7276, 32.0384, 23.7390



11.5459, 12.7640, 12.8083



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.



24.0322, 29.5956, 24.5251



40.8825, 52.4192, 40.2125



25.1342, 30.0364, 30.3282



6.5748, 7.4107, 7.1953



9.8676, 19.6150, 3.6601



0.1830, 0.3533, 0.0998

Inverse Universe

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



26.6687, 23.7838, 33.3233



46.6272, 39.7535, 59.3814



25.4582, 23.2996, 26.9487



6.8773, 6.7439, 8.2051



15.2829, 7.4177, 21.5386



0.2803, 0.1354, 0.4221

Previews

White Background



This preview shows how the XYZ color 24.0314, 29.5943, 24.5244 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 24.0314, 29.5943, 24.5244 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 24.0314, 29.5943, 24.5244

Background



This preview shows how black text looks on a background with the XYZ color 24.0314, 29.5943, 24.5244.



This preview shows how white text looks on a background with the XYZ color 24.0314, 29.5943,

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

24.0314, 29.5943, 24.5244

Protanopia

27.7192, 29.3654, 22.9460

Deuteranopia

29.8507, 29.2825, 25.1979



Tritanopia

26.8834, 29.5234, 38.9320

Trichromacy



Original Color

24.0314, 29.5943, 24.5244

Protanomaly

26.0460, 29.1972, 23.3316

Deuteranomaly

27.3451, 29.1278, 24.9499

Tritanomaly

25.7983, 29.5737, 33.2027

Monochromacy



Original Color

24.0314, 29.5943, 24.5244

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.2586, 28.2202, 27.7827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0314, 29.5943, 24.5244 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(124, 156, 127)` looks like.

```
.text, #text, p{  
    color:rgb(124, 156, 127)  
}
```

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(124, 156, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 156, 127) }
```

Border

The CSS property to change the border of an element to XYZ 24.0314, 29.5943, 24.5244 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(124, 156, 127) }
```


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

```
.border{ border-color:rgb(124, 156, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 156, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 156, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 156, 127);  
box-shadow:4px 4px 4px 4px rgb(124, 156,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0314, 29.5943, 24.5244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 156, 127) }
```

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

```
.background{ background-color: rgb(124,  
156, 127) }
```

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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