

Converting Colors

XYZ(24.4899, 29.5127, 29.0040)

Have a look what the booklet for
XYZ(24.4899, 29.5127, 29.0040)
contains.

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Color

**XYZ(24.4076, 29.4443,
28.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9B8B
RGB	122, 155, 139
RGB Percent	48%, 61%, 55%
CMY	0.5216, 0.3921, 0.4549
CMYK	0.21, 0.00, 0.10, 0.39
HSL	151°, 14%, 54%
HSV	151°, 21%, 61%
XYZ	24.4076, 29.4443, 28.8230
YIQ	143.3090, -14.5320, -11.9720

Conversions

Conversions Part 2

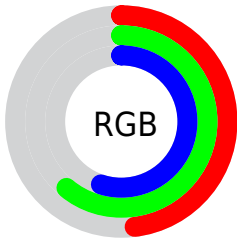
Format	Color
R_{YB}	122, 144, 155
Decimal	8035211
CIE _{Lab}	61.17, -14.83, 4.64
CIE _{LCh}	61, 15.537, 162.633
Yxy	29.4443, 0.2952, 0.3561
Android (android.graphics.Color)	4286225291 (0xFF7A9B8B)
YUV	143.3090, -2.1243, -18.6880
Hunter-Lab	54.2626, -14.6693, 6.4904

Details

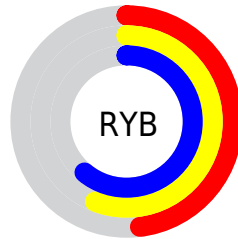
The XYZ color **24.4076, 29.4443, 28.8230** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.0656, 22.7234, 27.1110**, and the grayscale version is **26.2449, 27.6117, 30.0692**.

A 20% lighter version of the original color is **50.2402, 59.0129, 58.6119**, and **9.5011, 12.0384, 11.2741** is the 20% darker color. If you saturate the color by 10%, you get **21.8552, 28.1906, 25.9350**, and if you desaturate by 10%, it is **27.3495, 30.8961, 31.9276**.

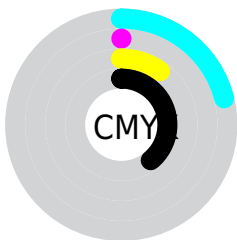
Distribution



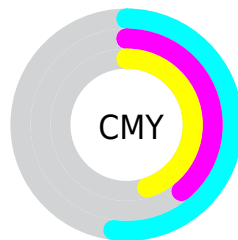
- Red (48%)
- Green (61%)
- Blue (55%)



- Red (48%)
- Yellow (56%)
- Blue (61%)



- Cyan (21%)
- Magenta (0%)
- Yellow (10%)
- Black (39%)



- Cyan (52%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4076, 29.4443, 28.8230 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 24.4076, 29.4443, 28.8230 by changing the saturation by 10% instead.

■ 24.4076, 29.4443,
28.8230

■ 24.4076, 29.4443,
28.8230

267.2771,
299.3056, 310.4137

■ 15.7626, 19.4172,
18.7025

■ 50.1444, 58.7823,
58.8346

■ 9.4461, 11.9721,
11.2809

■ 67.9669, 78.8619,
79.5628

■ 5.0927, 6.7247,
6.1396

■ 89.5793, 103.0611,
104.6640

■ 2.3371, 3.2905,
2.8600

115.3470,
131.7644, 134.5567

■ 0.8135, 1.2852,
1.0236

145.6352,
165.3561, 169.6595

■ 0.0000, 0.1297,
0.0000

180.8094,

■ 0.0000, 0.0000,

204.2206, 210.3909

0.0000

221.2349,
248.7423, 257.1694

■ 24.4076, 29.4443,
28.8230

■ 24.4076, 29.4443,
28.8230

■ 21.8552, 28.1906,
25.9350

■ 27.3495, 30.8961,
31.9276

■ 19.6725, 27.1224,
23.2570

■ 30.6946, 32.5504,
35.2513

■ 17.8417, 26.2314,
20.7845

■ 34.4591, 34.4164,
38.7993

■ 16.3423, 25.5072,
18.5125

■ 38.6572, 36.5014,
42.5760

■ 15.1519, 24.9382,
16.4356

■ 43.3028, 38.8124,
46.5853

■ 14.2447, 24.5114,
14.5480

■ 48.4090, 41.3561,
50.8314

■ 13.5908, 24.2113,
12.8437

■ 53.9884, 44.1388,
55.3183

■ 13.1641, 24.0206,
11.5020

■ 60.0530, 47.1668,
60.0497

■ 64.1808, 49.1913,
64.9156

Harmonies

Analogous

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



25.4131, 29.4443, 24.4867



24.4076, 29.4443, 28.8230



24.3311, 29.4443, 34.5793

Triad

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



24.4076, 29.4443, 28.8230



28.8523, 29.4443, 44.3148



30.9713, 29.4443, 25.0390

Complementary

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



24.4076, 29.4443, 28.8230



25.0656, 22.7234, 27.1110

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.



31.9895, 29.4443, 29.6658



24.4076, 29.4443, 28.8230



30.7268, 29.4443, 41.0526

Square

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



24.4076, 29.4443, 28.8230



26.8316, 29.4443, 44.0175



31.8979, 29.4443, 35.5304



29.1729, 29.4443, 22.4912

Rectangle

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



24.4076, 29.4443, 28.8230



24.8117, 29.4443, 38.5054



31.8979, 29.4443, 35.5304



31.4200, 29.4443, 26.3770

Sweetspot

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



24.4084, 29.4455, 28.8237



51.9852, 56.8155, 60.2063



25.7994, 30.2951, 22.9007



11.6863, 12.8202, 13.5475



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.



24.4084, 29.4455, 28.8237



41.2412, 51.5165, 48.8720



25.6648, 29.9481, 35.4396



6.2583, 6.9760, 7.2837



10.5924, 19.3004, 9.3400



0.1767, 0.2959, 0.2364

Inverse Universe

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



25.0656, 22.7234, 27.1110



42.6534, 37.0723, 45.1925



23.9908, 22.2935, 21.4515



6.3273, 6.2701, 7.1038



11.9009, 6.0146, 6.0033



0.1962, 0.0972, 0.1860

Previews

White Background



This preview shows how the XYZ color 24.4076, 29.4443, 28.8230 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 24.4076, 29.4443, 28.8230 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

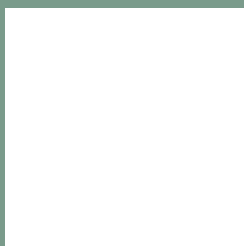
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4076, 29.4443, 28.8230

Background



This preview shows how black text looks on a background with the XYZ color 24.4076, 29.4443, 28.8230.

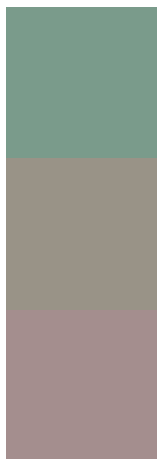


This preview shows how white text looks on a background with the XYZ color 24.4076, 29.4443,

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

24.4076, 29.4443, 28.8230

Protanopia

27.9438, 29.3890, 27.1215

Deuteranopia

29.8653, 29.1915, 29.6516



Tritanopia

26.5198, 29.3256, 39.3846

Trichromacy



Original Color

24.4076, 29.4443, 28.8230

Protanomaly

26.5056, 29.3410, 27.5589

Deuteranomaly

27.6359, 29.1801, 29.3751

Tritanomaly

25.6021, 29.1830, 35.2939

Monochromacy



Original Color

24.4076, 29.4443, 28.8230

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.3079, 27.9713, 29.6563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4076, 29.4443, 28.8230 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(122, 155, 139)` looks like.

```
.text, #text, p{  
    color:rgb(122, 155, 139)  
}
```

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(122, 155, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 155, 139) }
```

Border

The CSS property to change the border of an element to XYZ 24.4076, 29.4443, 28.8230 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(122, 155, 139) }
```


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

```
.border{ border-color:rgb(122, 155, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 155, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 155, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 155, 139);  
box-shadow:4px 4px 4px 4px rgb(122, 155,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4076, 29.4443, 28.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 155, 139) }
```

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

```
.background{ background-color: rgb(122,  
155, 139) }
```

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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