

Converting Colors

XYZ(24.3527, 29.2863, 29.2780)

Have a look what the booklet for
XYZ(24.3527, 29.2863, 29.2780)
contains.

XYZ(24.4810, 29.4737, 29.2097)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.4810, 29.4737,
29.2097)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9B8C
RGB	122, 155, 140
RGB Percent	48%, 61%, 55%
CMY	0.5216, 0.3921, 0.4510
CMYK	0.21, 0.00, 0.10, 0.39
HSL	153°, 14%, 54%
HSV	153°, 21%, 61%
XYZ	24.4810, 29.4737, 29.2097
YIQ	143.4230, -14.8530, -11.6610

Conversions

Conversions Part 2

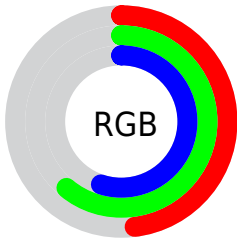
Format	Color
R_{YB}	122, 143, 155
Decimal	8035212
CIE _{Lab}	61.20, -14.62, 4.11
CIE _{LCh}	61, 15.187, 164.298
Yxy	29.4737, 0.2944, 0.3544
Android (android.graphics.Color)	4286225292 (0xFF7A9B8C)
YUV	143.4230, -1.6875, -18.7880
Hunter-Lab	54.2897, -14.5154, 6.1027

Details

The XYZ color **24.4810, 29.4737, 29.2097** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.9935, 22.6945, 26.7313**, and the grayscale version is **26.2890, 27.6581, 30.1196**.

A 20% lighter version of the original color is **50.4634, 59.1022, 59.7871**, and **9.5434, 12.0553, 11.4968** is the 20% darker color. If you saturate the color by 10%, you get **21.9560, 28.2309, 26.4660**, and if you desaturate by 10%, it is **27.3910, 30.9127, 32.1464**.

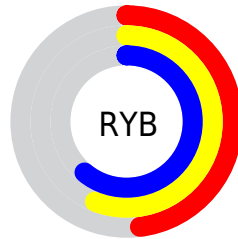
Distribution



Red (48%)

Green (61%)

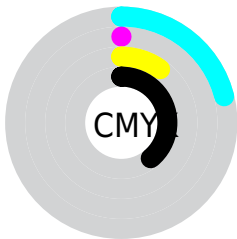
Blue (55%)



Red (48%)

Yellow (56%)

Blue (61%)

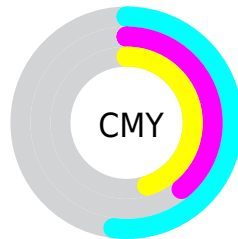


Cyan (21%)

Magenta (0%)

Yellow (10%)

Black (39%)



Cyan (52%)

Magenta (39%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4810, 29.4737, 29.2097 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 24.4810, 29.4737, 29.2097 by changing the saturation by 10% instead.

■ 24.4810, 29.4737,
29.2097

■ 24.4810, 29.4737,
29.2097

267.6389,
299.4435, 312.2949

■ 15.8175, 19.4395,
18.9926

■ 50.2630, 58.8289,
59.4562

■ 9.4851, 11.9882,
11.4882

■ 68.1121, 78.9186,
80.3227

■ 5.1186, 6.7357,
6.2779

■ 89.7539, 103.1289,
105.5761

■ 2.3525, 3.2973,
2.9433

115.5536,
131.8442, 135.6349

■ 0.8213, 1.2889,
1.0657

145.8766,
165.4490, 170.9176

■ 0.0000, 0.1326,
0.0000

181.0882,

■ 0.0000, 0.0000,

204.3275, 211.8429

0.0000

221.5539,
248.8642, 258.8291

■ 24.4810, 29.4737,
29.2097

■ 24.4810, 29.4737,
29.2097

■ 21.9560, 28.2309,
26.4660

■ 27.3910, 30.9127,
32.1464

■ 19.7964, 27.1720,
23.9093

■ 30.6996, 32.5525,
35.2779

■ 17.9844, 26.2885,
21.5360

■ 34.4228, 34.4020,
38.6087

■ 16.4998, 25.5702,
19.3418

■ 38.5748, 36.4685,
42.1425

■ 15.3202, 25.0056,
17.3221

■ 43.1694, 38.7590,
45.8828

■ 14.4202, 24.5816,
15.4720

■ 48.2194, 41.2802,
49.8331

■ 13.7698, 24.2830,
13.7864

■ 53.7374, 44.0384,
53.9966

■ 13.3435, 24.0924,
12.4464

■ 59.7352, 47.0397,
58.3768

■ 63.7910, 49.0354,
62.8628

Harmonies

Analogous

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



25.4194, 29.4737, 24.8539



24.4810, 29.4737, 29.2097



24.4588, 29.4737, 34.8822

Triad

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



24.4810, 29.4737, 29.2097



28.9719, 29.4737, 43.9577



30.8499, 29.4737, 25.0147

Complementary

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



24.4810, 29.4737, 29.2097



24.9935, 22.6945, 26.7313

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.



31.8978, 29.4737, 29.4544



24.4810, 29.4737, 29.2097



30.7791, 29.4737, 40.6140

Square

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



24.4810, 29.4737, 29.2097



26.9885, 29.4737, 43.8719



31.8713, 29.4737, 35.1576



29.0648, 29.4737, 22.6353

Rectangle

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



24.4810, 29.4737, 29.2097



24.9630, 29.4737, 38.6889



31.8713, 29.4737, 35.1576



31.3037, 29.4737, 26.2909

Sweetspot

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



24.4818, 29.4749, 29.2104



52.0269, 56.8322, 60.4256



25.6174, 30.2014, 22.8920



11.6966, 12.8243, 13.6018



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.



24.4818, 29.4749, 29.2104



41.3993, 51.5798, 49.7045



25.4825, 29.5836, 35.3789



6.2660, 6.9791, 7.3241



10.7365, 19.3580, 10.0988



0.1788, 0.2967, 0.2475

Inverse Universe

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



24.9935, 22.6945, 26.7313



42.4990, 37.0105, 44.3793



24.1267, 22.5651, 21.4966



6.3197, 6.2670, 7.0636



11.7758, 5.9646, 5.3445



0.1941, 0.0964, 0.1748

Previews

White Background



This preview shows how the XYZ color 24.4810, 29.4737, 29.2097 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 24.4810, 29.4737, 29.2097 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

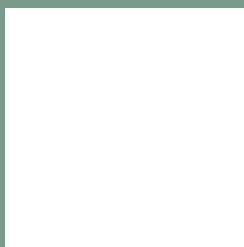
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4810, 29.4737, 29.2097

Background



This preview shows how black text looks on a background with the XYZ color 24.4810, 29.4737, 29.2097.

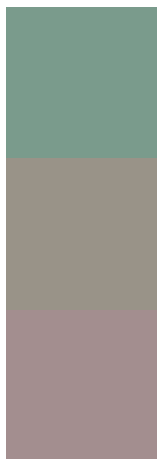


This preview shows how white text looks on a background with the XYZ color 24.4810, 29.4737,

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

24.4810, 29.4737, 29.2097

Protanopia

28.0145, 29.4173, 27.4941

Deuteranopia

29.7352, 29.1157, 30.0393



Tritanopia

26.5333, 29.5724, 39.4316

Trichromacy



Original Color

24.4810, 29.4737, 29.2097

Protanomaly

26.5770, 29.3696, 27.9351

Deuteranomaly

27.5289, 29.1163, 29.7603

Tritanomaly

25.7651, 29.5090, 35.3482

Monochromacy



Original Color

24.4810, 29.4737, 29.2097

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 24.4810, 29.4737, 29.2097 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(122, 155, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 155, 140) }
```

Border

The CSS property to change the border of an element to XYZ 24.4810, 29.4737, 29.2097 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, 140) }
```


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

```
.border{ border-color:rgb(122, 155, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 155, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 155, 140);  
box-shadow:4px 4px 4px 4px rgb(122, 155,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4810, 29.4737, 29.2097 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, 140) }
```

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

```
.background{ background-color: rgb(122,  
155, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor