

Converting Colors

XYZ(24.7073, 30.3895, 24.3708)

Have a look what the booklet for
XYZ(24.7073, 30.3895, 24.3708)
contains.

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Color

**XYZ(24.7452, 30.4721,
24.3162)**

Conversions

Conversions Part 1	
Format	Color
Hex	7F9E7E
RGB	127, 158, 126
RGB Percent	50%, 62%, 49%
CMY	0.5020, 0.3804, 0.5059
CMYK	0.20, 0.00, 0.20, 0.38
HSL	118°, 14%, 56%
HSV	118°, 20%, 62%
XYZ	24.7452, 30.4721, 24.3162
YIQ	145.0830, -8.2040, -16.5240

Conversions

Conversions Part 2

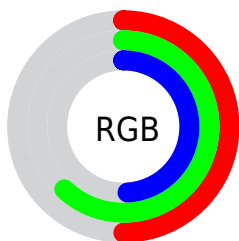
Format	Color
RYB	126, 158, 157
Decimal	8363646
CIELab	62.06, -17.20, 13.24
CIELCh	62, 21.705, 142.397
Yxy	30.4721, 0.3111, 0.3831
Android (android.graphics.Color)	4286553726 (0xFF7F9E7E)
YUV	145.0830, -9.4079, -15.8588
Hunter-Lab	55.2015, -16.5865, 12.5239

Details

The XYZ color **24.7452, 30.4721, 24.3162** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.5382, 24.5593, 35.6383**, and the grayscale version is **26.9875, 28.3929, 30.9199**.

A 20% lighter version of the original color is **50.7533, 60.5465, 51.6595**, and **9.6578, 12.6290, 8.9498** is the 20% darker color. If you saturate the color by 10%, you get **21.6962, 29.0098, 19.2653**, and if you desaturate by 10%, it is **28.3033, 32.1800, 30.2329**.

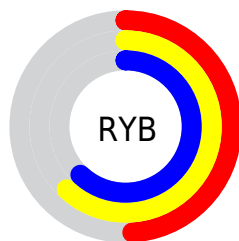
Distribution



Red (50%)

Green (62%)

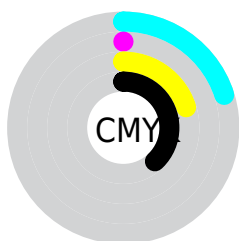
Blue (49%)



Red (49%)

Yellow (62%)

Blue (62%)

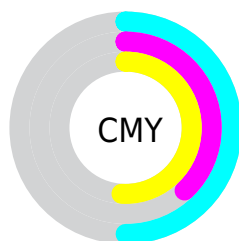


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (38%)



Cyan (50%)


Magenta (38%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.7452, 30.4721, 24.3162 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 24.7452, 30.4721, 24.3162 by changing the saturation by 10% instead.


 24.7452, 30.4721,
24.3162


 24.7452, 30.4721,
24.3162


268.9377,
304.0989, 287.7531


 16.0150, 20.1972,
15.3540

 50.6894, 60.4080,
51.4960

 9.6257, 12.5385,
8.9188


 68.6342, 80.8377,
70.5506

 5.2119, 7.1115,
4.5922


 90.3813, 105.4213,
93.8065

 2.4081, 3.5319,
1.9555

116.2959,
134.5429, 121.6821

 0.8492, 1.4153,
0.5277

146.7435,
168.5871, 154.5961

 0.0000, 0.2280,
0.0000


182.0895,


 0.0000, 0.0000,

207.9382, 192.9668


0.0000


222.6991,
252.9807, 237.2130


 24.7452, 30.4721,
24.3162


 24.7452, 30.4721,
24.3162


 21.6962, 29.0098,
19.2653


 28.3033, 32.1800,
30.2329


 19.1306, 27.7781,
15.0376


 32.3897, 34.1399,
37.0510


 17.0245, 26.7665,
11.5903


 37.0255, 36.3629,
44.8070

 15.3507, 25.9620,
8.8755


 42.2301, 38.8582,
53.5343

 14.0791, 25.3502,
6.8403


 48.0218, 41.6346,
63.2649


 13.1760, 24.9150,
5.4248


 54.4182, 44.7004,
74.0293

 12.6021, 24.6377,
4.5584

 61.4361, 48.0637,
85.8569

 12.2892, 24.4867,
4.0787

 69.0916, 51.7323,
98.7755

 71.5174, 52.9349,
101.0558

Harmonies

Analogous

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



26.8792, 30.4721, 20.4403



24.7452, 30.4721, 24.3162



23.7547, 30.4721, 31.1001

Triad

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



24.7452, 30.4721, 24.3162



28.2276, 30.4721, 51.7695



34.4603, 30.4721, 27.4306

Complementary

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



24.7452, 30.4721, 24.3162



27.5382, 24.5593, 35.6383

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.



34.8815, 30.4721, 35.3484



24.7452, 30.4721, 24.3162



31.1514, 30.4721, 50.3436

Square

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



24.7452, 30.4721, 24.3162



25.6755, 30.4721, 47.5910



33.6343, 30.4721, 43.9694



32.5193, 30.4721, 22.0168

Rectangle

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



24.7452, 30.4721, 24.3162



23.8261, 30.4721, 36.7460



33.6343, 30.4721, 43.9694



34.7894, 30.4721, 29.8506

Sweetspot

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



24.7460, 30.4734, 24.3169



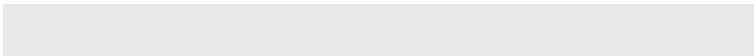
54.3473, 59.8515, 59.8195



29.9135, 32.8684, 24.5068



12.1533, 13.4459, 13.3207



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.7460, 30.4734, 24.3169



42.4923, 54.1641, 40.1036



25.6348, 30.8118, 29.7704



6.5690, 7.4104, 7.0698



9.8483, 19.6137, 3.2668



0.1811, 0.3533, 0.0586

Inverse Universe

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



27.5382, 24.5593, 35.6383



48.4380, 41.5688, 64.2141



26.5254, 24.1768, 29.2826



6.8837, 6.7440, 8.3456



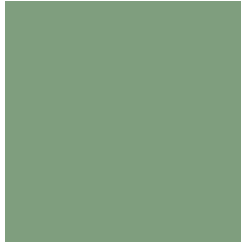
15.4802, 7.4093, 26.5215



0.2825, 0.1354, 0.4745

Previews

White Background



This preview shows how the XYZ color 24.7452, 30.4721, 24.3162 looks on a white background.

Color Contrast Check

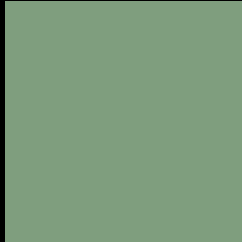
Large Text (above 18pt) WCAG AA × Fail

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 24.7452, 30.4721, 24.3162 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 ✓ Pass

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

XYZ 24.7452, 30.4721, 24.3162

Background



This preview shows how black text looks on a background with the XYZ color 24.7452, 30.4721, 24.3162.



This preview shows how white text looks on a background with the XYZ color 24.7452, 30.4721,

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

24.7452, 30.4721, 24.3162

Protanopia

28.3608, 30.1691, 22.7408

Deuteranopia

30.7303, 30.1894, 24.9764



Tritanopia

28.0143, 30.5674, 40.0209

Trichromacy



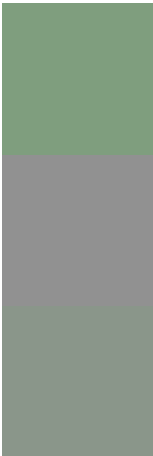
Original Color
24.7452, 30.4721, 24.3162

Protanomaly
26.8360, 30.0896, 23.1324

Deuteranomaly
28.1613, 30.0220, 24.7326

Tritanomaly
26.6673, 30.5023, 33.7602

Monochromacy



Original Color
24.7452, 30.4721, 24.3162

Achromatopsia
26.9133, 28.3149, 30.8349

Achromatomaly
25.9750, 29.0509, 28.2831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7452, 30.4721, 24.3162 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(127, 158, 126)` looks like.

```
.text, #text, p{  
    color:rgb(127, 158, 126)  
}
```

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(127, 158, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 158, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.7452, 30.4721, 24.3162 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(127, 158, 126) }
```


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

```
.border{ border-color:rgb(127, 158, 126) }
```

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

Here you see how a box with a 4 pixel rgb(127, 158, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 158, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 158, 126);  
box-shadow:4px 4px 4px 4px rgb(127, 158,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7452, 30.4721, 24.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 158, 126) }
```

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

```
.background{ background-color: rgb(127,  
158, 126) }
```

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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