

Converting Colors

XYZ(24.8123, 30.7604, 24.4411)

Have a look what the booklet for
XYZ(24.8123, 30.7604, 24.4411)
contains.

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Color

**XYZ(24.7682, 30.7383,
24.3663)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9F7E
RGB	126, 159, 126
RGB Percent	49%, 62%, 49%
CMY	0.5059, 0.3765, 0.5059
CMYK	0.21, 0.00, 0.21, 0.38
HSL	120°, 15%, 56%
HSV	120°, 21%, 62%
XYZ	24.7682, 30.7383, 24.3663
YIQ	145.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

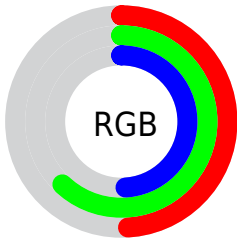
Format	Color
RYB	126, 159, 159
Decimal	8298366
CIELab	62.29, -18.07, 13.55
CIElCh	62, 22.590, 143.138
Yxy	30.7383, 0.3101, 0.3848
Android (android.graphics.Color)	4286488446 (0xFF7E9F7E)
YUV	145.3710, -9.5499, -16.9884
Hunter-Lab	55.4421, -17.2807, 12.7521

Details

The XYZ color **24.7682, 30.7383, 24.3663** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.0180, 24.7965, 36.1117**, and the grayscale version is **27.1056, 28.5172, 31.0552**.

A 20% lighter version of the original color is **50.7737, 60.9315, 51.7327**, and **9.5777, 12.5877, 8.9460** is the 20% darker color. If you saturate the color by 10%, you get **21.6616, 29.2470, 19.2843**, and if you desaturate by 10%, it is **28.4122, 32.4896, 30.3260**.

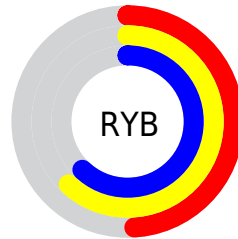
Distribution



Red (49%)

Green (62%)

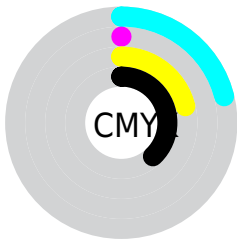
Blue (49%)



Red (49%)

Yellow (62%)

Blue (62%)

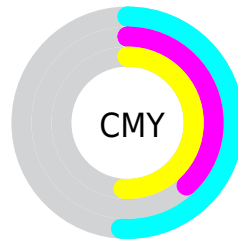


Cyan (21%)

Magenta (0%)

Yellow (21%)

Black (38%)



Cyan (51%)

Magenta (38%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7682, 30.7383, 24.3663 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 24.7682, 30.7383, 24.3663 by changing the saturation by 10% instead.

■ 24.7682, 30.7383,
24.3663

■ 24.7682, 30.7383,
24.3663

269.0506,
305.3309, 288.0131

■ 16.0322, 20.3997,
15.3909

■ 50.7265, 60.8278,
51.5786

■ 9.6380, 12.6859,
8.9445

■ 68.6796, 81.3475,
70.6525

■ 5.2200, 7.2126,
4.6087

■ 90.4358, 106.0296,
93.9297

■ 2.4130, 3.5954,
1.9649

116.3604,
135.2586, 121.8287

■ 0.8516, 1.4499,
0.5335

146.8189,
169.4188, 154.7679

■ 0.0000, 0.2531,
0.0000

182.1765,

■ 0.0000, 0.0000,

208.8946, 193.1661

0.0000

222.7986,
254.0705, 237.4416

■ 24.7682, 30.7383,
24.3663

■ 24.7682, 30.7383,
24.3663

■ 21.6616, 29.2470,
19.2843

■ 28.4122, 32.4896,
30.3260

■ 19.0648, 27.9996,
15.0367

■ 32.6147, 34.5083,
37.1999

■ 16.9512, 26.9843,
11.5796

■ 37.3988, 36.8063,
45.0251

■ 15.2911, 26.1869,
8.8640

■ 42.7854, 39.3938,
53.8358

■ 14.0512, 25.5913,
6.8359

■ 48.7945, 42.2803,
63.6645

■ 13.1939, 25.1795,
5.4337

■ 55.4451, 45.4749,
74.5425

■ 12.6750, 24.9302,
4.5848

■ 62.7553, 48.9864,
86.4995

■ 12.3988, 24.7976,
4.1330

■ 70.7426, 52.8231,
99.5641

■ 71.6888, 53.2776,
101.1129

Harmonies

Analogous

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



26.9703, 30.7383, 20.2723



24.7682, 30.7383, 24.3663



23.7689, 30.7383, 31.5010

Triad

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



24.7682, 30.7383, 24.3663



28.5204, 30.7383, 53.0787



34.9504, 30.7383, 27.2902

Complementary

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



24.7682, 30.7383, 24.3663



28.0180, 24.7965, 36.1117

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.



35.4372, 30.7383, 35.5169



24.7682, 30.7383, 24.3663



31.5827, 30.7383, 51.4216

Square

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



24.7682, 30.7383, 24.3663



25.8354, 30.7383, 48.7945



34.1664, 30.7383, 44.5955



32.8790, 30.7383, 21.7438

Rectangle

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



24.7682, 30.7383, 24.3663



23.8662, 30.7383, 37.4356



34.1664, 30.7383, 44.5955



35.3105, 30.7383, 29.7926

Sweetspot

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



24.7690, 30.7396, 24.3670



54.2477, 59.8001, 59.8150



30.4635, 33.6752, 24.6332



12.1288, 13.4332, 13.3196



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.



24.7690, 30.7396, 24.3670



41.6139, 53.7315, 39.1503



25.9233, 31.2013, 30.4454



6.5508, 7.4011, 7.0690



9.7925, 19.5849, 3.2643



0.1751, 0.3502, 0.0584

Inverse Universe

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



28.0180, 24.7965, 36.1117



48.5207, 41.0972, 64.1179



26.6800, 24.2613, 29.0660



6.9042, 6.7546, 8.3465



16.2356, 7.7988, 26.5555



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 24.7682, 30.7383, 24.3663 looks on a white background.

Color Contrast Check

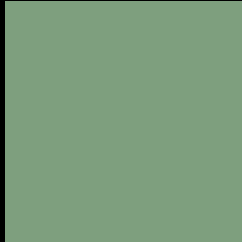
Large Text (above 18pt) WCAG AA × Fail

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 24.7682, 30.7383, 24.3663 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 24.7682, 30.7383, 24.3663

Background



This preview shows how black text looks on a background with the XYZ color 24.7682, 30.7383, 24.3663.



This preview shows how white text looks on a background with the XYZ color 24.7682, 30.7383,

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

24.7682, 30.7383, 24.3663

Protanopia

28.7173, 30.5888, 22.8030

Deuteranopia

31.1011, 30.6064, 25.0373



Tritanopia

28.1114, 30.8509, 40.5496

Trichromacy



Original Color

24.7682, 30.7383, 24.3663

Protanomaly

26.9990, 30.4156, 23.1867

Deuteranomaly

28.3202, 30.3398, 24.7856

Tritanomaly

26.6803, 30.7571, 33.8087

Monochromacy



Original Color

24.7682, 30.7383, 24.3663

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 24.7682, 30.7383, 24.3663 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(126, 159, 126)` looks like.

```
.text, #text, p{  
    color:rgb(126, 159, 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(126, 159, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 159, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.7682, 30.7383, 24.3663 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(126, 159, 126) }
```


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

```
.border{ border-color:rgb(126, 159, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 159, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 159, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 159, 126);  
box-shadow:4px 4px 4px 4px rgb(126, 159,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7682, 30.7383, 24.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 159, 126) }
```

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

```
.background{ background-color: rgb(126,  
159, 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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