

Converting Colors

XYZ(24.5224, 30.7156, 19.7553)

Have a look what the booklet for
XYZ(24.5224, 30.7156, 19.7553)
contains.

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Color

**XYZ(24.4733, 30.6898,
19.6728)**

Conversions

Conversions Part 1

Format	Color
Hex	829F6F
RGB	130, 159, 111
RGB Percent	51%, 62%, 44%
CMY	0.4902, 0.3765, 0.5647
CMYK	0.18, 0.00, 0.30, 0.38
HSL	96°, 20%, 53%
HSV	96°, 30%, 62%
XYZ	24.4733, 30.6898, 19.6728
YIQ	144.8570, -1.8760, -21.0760

Conversions

Conversions Part 2

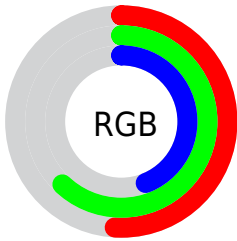
Format	Color
RYB	111, 159, 140
Decimal	8560495
CIELab	62.24, -19.17, 21.84
CIELCh	62, 29.058, 131.275
Yxy	30.6898, 0.3270, 0.4101
Android (android.graphics.Color)	4286750575 (0xFF829F6F)
YUV	144.8570, -16.6915, -13.0296
Hunter-Lab	55.3984, -18.0913, 17.7241

Details

The XYZ color **24.4733, 30.6898, 19.6728** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.7590, 19.4484, 35.3570**, and the grayscale version is **26.9224, 28.3245, 30.8454**.

A 20% lighter version of the original color is **50.4246, 60.9278, 43.7529**, and **9.4632, 12.5797, 6.6320** is the 20% darker color. If you saturate the color by 10%, you get **22.2693, 29.6469, 15.3993**, and if you desaturate by 10%, it is **26.9724, 31.8687, 24.7749**.

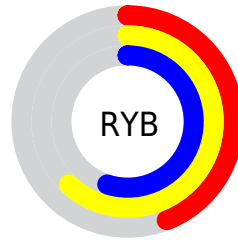
Distribution



Red (51%)

Green (62%)

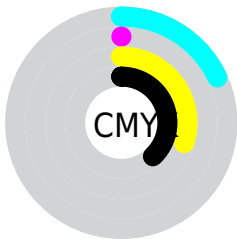
Blue (44%)



Red (44%)

Yellow (62%)

Blue (55%)

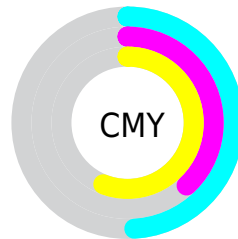


Cyan (18%)

Magenta (0%)

Yellow (30%)

Black (38%)



Cyan (49%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4733, 30.6898, 19.6728 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 24.4733, 30.6898, 19.6728 by changing the saturation by 10% instead.

■ 24.4733, 30.6898,
19.6728

■ 24.4733, 30.6898,
19.6728

267.6010,
305.1067, 262.6836

■ 15.8117, 20.3628,
11.9757

■ 50.2505, 60.7514,
43.7197

■ 9.4810, 12.6590,
6.6048

■ 68.0969, 81.2547,
60.9065

■ 5.1158, 7.1942,
3.1415

■ 89.7356, 105.9188,
82.0937

■ 2.3509, 3.5838,
1.1673

■ 115.5319,
135.1283, 107.6998

■ 0.8205, 1.4436,
0.0000

145.8513,
169.2674, 138.1433

■ 0.0000, 0.2485,
0.0000

181.0590,

■ 0.0000, 0.0000,

208.7206, 173.8427

0.0000

221.5204,
253.8722, 215.2166

■ 24.4733, 30.6898,
19.6728

■ 24.4733, 30.6898,
19.6728

■ 22.2693, 29.6469,
15.3993

■ 26.9724, 31.8687,
24.7749

■ 20.3460, 28.7306,
11.9088

■ 29.7754, 33.1845,
30.7441

■ 18.6913, 27.9368,
9.1540


■ 32.8938, 34.6432,
37.6189

■ 17.2909, 27.2593,
7.0821


■ 36.3376, 36.2491,
45.4350

■ 16.1293, 26.6914,
5.6330


■ 40.1166, 38.0066,
54.2259


 15.1886, 26.2253,
4.7361

 44.2397, 39.9195,
64.0236

 14.4443, 25.8521,
4.2287

 48.7160, 41.9919,
74.8589

 53.5538, 44.2275,
86.7608

 58.7614, 46.6298,
99.7575

Harmonies

Analogous

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



27.7203, 30.6898, 16.3978



24.4733, 30.6898, 19.6728



22.5959, 30.6898, 26.9522

Triad

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



24.4733, 30.6898, 19.6728



26.8156, 30.6898, 58.3219



37.2064, 30.6898, 29.3694

Complementary

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



24.4733, 30.6898, 19.6728



22.7590, 19.4484, 35.3570

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.



36.9089, 30.6898, 40.8385



24.4733, 30.6898, 19.6728



30.6688, 30.6898, 59.3810

Square

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



24.4733, 30.6898, 19.6728



23.8622, 30.6898, 49.7804



34.4316, 30.6898, 52.4134



35.2111, 30.6898, 21.0996

Rectangle

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



24.4733, 30.6898, 19.6728



22.2625, 30.6898, 33.8987



34.4316, 30.6898, 52.4134



37.3756, 30.6898, 32.9379

Sweetspot

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



24.4741, 30.6911, 19.6735



53.8647, 59.6816, 56.2353



26.5174, 27.2176, 18.8953



11.9779, 13.3775, 12.3182



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.



24.4741, 30.6911, 19.6735



41.2056, 53.7210, 30.0962



22.0954, 29.4335, 20.9793



6.7867, 7.5227, 7.0800



11.4525, 20.4407, 3.3418



0.2509, 0.3893, 0.0619

Inverse Universe

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



22.7590, 19.4484, 35.3570



37.6436, 30.3988, 62.6270



25.8331, 21.0804, 33.3681



6.6498, 6.6235, 8.3347



8.8065, 3.9689, 26.2092



0.2041, 0.0950, 0.4708

Previews

White Background



This preview shows how the XYZ color 24.4733, 30.6898, 19.6728 looks on a white background.

Color Contrast Check

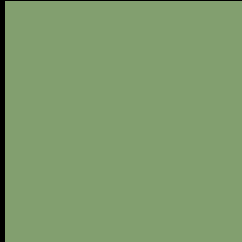
Large Text (above 18pt) WCAG AA × Fail

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 24.4733, 30.6898, 19.6728 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 24.4733, 30.6898, 19.6728

Background



This preview shows how black text looks on a background with the XYZ color 24.4733, 30.6898, 19.6728.



This preview shows how white text looks on a background with the XYZ color 24.4733, 30.6898,

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

24.4733, 30.6898, 19.6728

Protanopia

28.4605, 30.5556, 18.3077

Deuteranopia

30.9150, 30.3915, 20.1563



Tritanopia

28.4103, 30.5401, 39.5194

Trichromacy



Original Color

24.4733, 30.6898, 19.6728

Protanomaly

26.6757, 30.3492, 18.6394

Deuteranomaly

28.0262, 30.0581, 19.9474

Tritanomaly

26.8239, 30.6379, 31.2880

Monochromacy



Original Color

24.4733, 30.6898, 19.6728

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.9552, 29.0816, 26.4356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4733, 30.6898, 19.6728 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(130, 159, 111)` looks like.

```
.text, #text, p{  
    color:rgb(130, 159, 111)  
}
```

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(130, 159, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 159, 111) }
```

Border

The CSS property to change the border of an element to XYZ 24.4733, 30.6898, 19.6728 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(130, 159, 111) }
```


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

```
.border{ border-color:rgb(130, 159, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 159, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 159, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 159, 111);  
box-shadow:4px 4px 4px 4px rgb(130, 159,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4733, 30.6898, 19.6728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 159, 111) }
```

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

```
.background{ background-color: rgb(130,  
159, 111) }
```

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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