

Converting Colors

XYZ(26.8899, 32.3971, 22.2888)

Have a look what the booklet for
XYZ(26.8899, 32.3971, 22.2888)
contains.

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Color

**XYZ(26.8899, 32.3971,
22.2888)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA177
RGB	140, 161, 119
RGB Percent	55%, 63%, 47%
CMY	0.4510, 0.3686, 0.5333
CMYK	0.13, 0.00, 0.26, 0.37
HSL	90°, 18%, 55%
HSV	90°, 26%, 63%
XYZ	26.8899, 32.3971, 22.2888
YIQ	149.9330, 0.9660, -17.5140

Conversions

Conversions Part 2

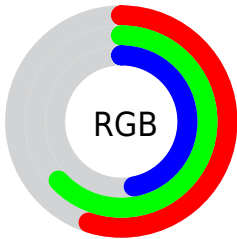
Format	Color
RYB	119, 161, 140
Decimal	9216375
CIELab	63.67, -15.17, 19.49
CIELCh	64, 24.697, 127.889
Yxy	32.3971, 0.3296, 0.3971
Android (android.graphics.Color)	4287406455 (0xFF8CA177)
YUV	149.9330, -15.2500, -8.7112
Hunter-Lab	56.9185, -15.2788, 16.6254

Details

The XYZ color **26.8899, 32.3971, 22.2888** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.8463, 21.3432, 36.5828**, and the grayscale version is **29.0241, 30.5356, 33.2533**.

A 20% lighter version of the original color is **54.1547, 63.5213, 47.9347**, and **10.6940, 13.5033, 7.8371** is the 20% darker color. If you saturate the color by 10%, you get **24.6966, 31.3698, 17.5593**, and if you desaturate by 10%, it is **29.3480, 33.5439, 27.8871**.

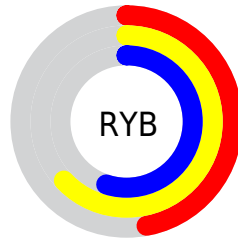
Distribution



Red (55%)

Green (63%)

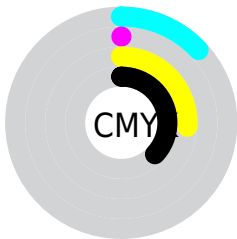
Blue (47%)



Red (47%)

Yellow (63%)

Blue (55%)

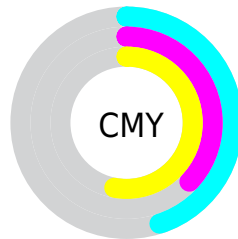


Cyan (13%)

Magenta (0%)

Yellow (26%)

Black (37%)



Cyan (45%)

Magenta (37%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8899, 32.3971, 22.2888 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 26.8899, 32.3971, 22.2888 by changing the saturation by 10% instead.

■ 26.8899, 32.3971,
22.2888

■ 26.8899, 32.3971,
22.2888

279.3009,
312.9242, 277.0533

■ 17.6267, 21.6650,
13.8689

■ 54.1283, 63.4331,
48.1312

■ 10.7804, 13.6109,
7.8918

■ 72.8342, 84.5058,
66.3907

■ 5.9856, 7.8506,
3.9390

■ 95.4184, 109.7941,
88.7672

■ 2.8769, 3.9995,
1.5920

122.2462,
139.6825, 115.6793

■ 1.0890, 1.6733,
0.2851

153.6830,
174.5553, 147.5453

■ 0.0159, 0.4063,
0.0000

190.0941,

■ 0.0000, 0.0000,

214.7969, 184.7840

0.0000

231.8450,
260.7917, 227.8138

■ 26.8899, 32.3971,
22.2888

■ 26.8899, 32.3971,
22.2888

■ 24.6966, 31.3698,
17.5593

■ 29.3480, 33.5439,
27.8871

■ 22.7553, 30.4535,
13.6530

■ 32.0781, 34.8101,
34.3927

■ 21.0555, 29.6447,
10.5232

■ 35.0901, 36.2011,
41.8442

■ 19.5853, 28.9385,
8.1178

■ 38.3929, 37.7206,
50.2773

■ 18.3310, 28.3291,
6.3782

■ 41.9948, 39.3720,
59.7260

■ 17.2775, 27.8102,
5.2367

■ 45.9036, 41.1587,
70.2226

■ 16.4044, 27.3733,
4.5999

■ 50.1270, 43.0841,
81.7979

■ 16.0957, 27.2181,
4.4053

■ 54.6723, 45.1513,
94.4816

■ 58.0794, 46.7764,
100.5754

Harmonies

Analogous

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



29.8895, 32.3971, 19.5853



26.8899, 32.3971, 22.2888



25.0384, 32.3971, 28.5870

Triad

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



26.8899, 32.3971, 22.2888



28.3589, 32.3971, 56.0020



37.8532, 32.3971, 32.7272

Complementary

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



26.8899, 32.3971, 22.2888



23.8463, 21.3432, 36.5828

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.



37.3668, 32.3971, 42.9322



26.8899, 32.3971, 22.2888



31.7134, 32.3971, 57.6776

Square

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



26.8899, 32.3971, 22.2888



25.8413, 32.3971, 48.2979



35.0555, 32.3971, 52.5225



36.3389, 32.3971, 24.8325

Rectangle

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



26.8899, 32.3971, 22.2888



24.6190, 32.3971, 34.5788



35.0555, 32.3971, 52.5225



37.9202, 32.3971, 35.9804

Sweetspot

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



26.8907, 32.3985, 22.2895



56.3970, 61.8531, 59.0520



27.4070, 27.6663, 21.3489



12.2114, 13.4924, 12.5727



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.



26.8907, 32.3985, 22.2895



45.9406, 56.9825, 35.0749



23.6834, 30.7450, 22.1394



7.3071, 8.0608, 7.5509



12.9016, 21.7615, 3.5204



0.3256, 0.4854, 0.0765

Inverse Universe

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



23.8463, 21.3432, 36.5828



39.5980, 33.9506, 64.8526



27.7291, 23.3448, 36.7645



7.0221, 7.0258, 8.8891



7.8614, 3.4592, 27.1831



0.2197, 0.1008, 0.5737

Previews

White Background



This preview shows how the XYZ color 26.8899, 32.3971, 22.2888 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 26.8899, 32.3971, 22.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

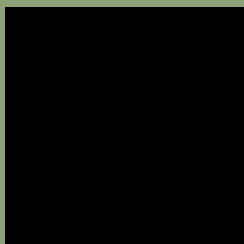
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8899, 32.3971, 22.2888

Background



This preview shows how black text looks on a background with the XYZ color 26.8899, 32.3971, 22.2888.



This preview shows how white text looks on a background with the XYZ color 26.8899, 32.3971,

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

26.8899, 32.3971, 22.2888

Protanopia

30.2250, 32.3715, 21.1783

Deuteranopia

32.9251, 32.2882, 22.9093



Tritanopia

30.7290, 32.4358, 41.2003

Trichromacy



Original Color

26.8899, 32.3971, 22.2888

Protanomaly

28.9782, 32.4662, 21.5689

Deuteranomaly

30.3595, 32.1623, 22.6970

Tritanomaly

29.0636, 32.2452, 33.5463

Monochromacy



Original Color

26.8899, 32.3971, 22.2888

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.0699, 31.0863, 28.9469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8899, 32.3971, 22.2888 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(140, 161, 119)` looks like.

```
.text, #text, p{  
    color:rgb(140, 161, 119)  
}
```

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(140, 161, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 161, 119) }
```

Border

The CSS property to change the border of an element to XYZ 26.8899, 32.3971, 22.2888 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(140, 161, 119) }
```


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

```
.border{ border-color:rgb(140, 161, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 161, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 161, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 161, 119);  
box-shadow:4px 4px 4px 4px rgb(140, 161,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8899, 32.3971, 22.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 161, 119) }
```

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

```
.background{ background-color: rgb(140,  
161, 119) }
```

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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