

Converting Colors

XYZ(24.2539, 32.9667, 19.8374)

Have a look what the booklet for
XYZ(24.2539, 32.9667, 19.8374)
contains.

XYZ(24.2883, 32.9826, 19.8380)	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(24.2883, 32.9826,
19.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	76A86E
RGB	118, 168, 110
RGB Percent	46%, 66%, 43%
CMY	0.5373, 0.3412, 0.5686
CMYK	0.30, 0.00, 0.35, 0.34
HSL	112°, 25%, 55%
HSV	112°, 35%, 66%
XYZ	24.2883, 32.9826, 19.8380
YIQ	146.4380, -11.1820, -28.6380

Conversions

Conversions Part 2

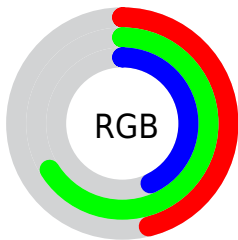
Format	Color
RYB	110, 168, 160
Decimal	7776366
CIELab	64.15, -28.17, 24.80
CIELCh	64, 37.533, 138.638
Yxy	32.9826, 0.3150, 0.4277
Android (android.graphics.Color)	4285966446 (0xFF76A86E)
YUV	146.4380, -17.9639, -24.9401
Hunter-Lab	57.4305, -25.0127, 19.7210

Details

The XYZ color **24.2883, 32.9826, 19.8380** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.1425, 21.4536, 39.7579**, and the grayscale version is **27.5770, 29.0132, 31.5953**.

A 20% lighter version of the original color is **49.9225, 64.1546, 43.9343**, and **9.4296, 14.0319, 6.7689** is the 20% darker color. If you saturate the color by 10%, you get **21.6410, 31.7147, 15.3837**, and if you desaturate by 10%, it is **27.4128, 34.4784, 25.2213**.

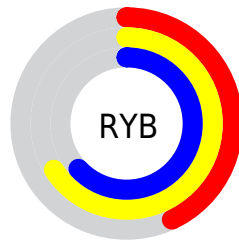
Distribution



Red (46%)

Green (66%)

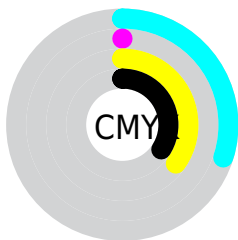
Blue (43%)



Red (43%)

Yellow (66%)

Blue (63%)

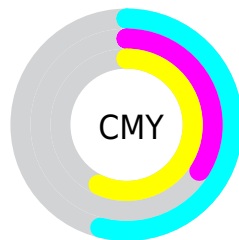


Cyan (30%)

Magenta (0%)

Yellow (35%)

Black (34%)



Cyan (54%)

Magenta (34%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2883, 32.9826, 19.8380 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 24.2883, 32.9826, 19.8380 by changing the saturation by 10% instead.

■ 24.2883, 32.9826,
19.8380

■ 24.2883, 32.9826,
19.8380

266.6883,
315.5713, 263.6119

■ 15.6735, 22.1131,
12.0944

■ 49.9515, 64.3484,
44.0008

■ 9.3828, 13.9400,
6.6847

■ 67.7307, 85.6134,
61.2571

■ 5.0508, 8.0790,
3.1903

■ 89.2953, 111.1125,
82.5214

■ 2.3122, 4.1455,
1.1926

■ 115.0108,
141.2299, 108.2123

■ 0.8009, 1.7553,
0.0000

145.2425,
176.3501, 138.7482

■ 0.0000, 0.4591,
0.0000

180.3557,

■ 0.0000, 0.0000,

216.8575, 174.5478

0.0000

220.7159,
263.1364, 216.0295

■ 24.2883, 32.9826,
19.8380

■ 24.2883, 32.9826,
19.8380

■ 21.6410, 31.7147,
15.3837

■ 27.4128, 34.4784,
25.2213

■ 19.4448, 30.6595,
11.8038

■ 31.0338, 36.2081,
31.5797

■ 17.6750, 29.8064,
9.0415


■ 35.1728, 38.1828,
38.9590


■ 16.3032, 29.1423,
7.0321


■ 39.8491, 40.4115,
47.4012


■ 15.2978, 28.6524,
5.7015


■ 45.0811, 42.9029,
56.9461


 14.6218, 28.3196,
4.9598

 50.8863, 45.6650,
67.6314

 14.3605, 28.1907,
4.6845

 57.2814, 48.7059,
79.4932

 64.2825, 52.0330,
92.5657

 70.8896, 55.2475,
101.5353

Harmonies

Analogous

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



28.1955, 32.9826, 14.7081



24.2883, 32.9826, 19.8380



22.3605, 32.9826, 30.4503

Triad

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



24.2883, 32.9826, 19.8380



29.3787, 32.9826, 72.9204



42.0620, 32.9826, 27.3486

Complementary

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



24.2883, 32.9826, 19.8380



27.1425, 21.4536, 39.7579

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.



42.4716, 32.9826, 41.9916



24.2883, 32.9826, 19.8380



34.7292, 32.9826, 71.3900

Square

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



24.2883, 32.9826, 19.8380



25.0700, 32.9826, 62.6578



39.6604, 32.9826, 58.9287



38.5975, 32.9826, 18.1221

Rectangle

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



24.2883, 32.9826, 19.8380



22.2932, 32.9826, 40.4892



39.6604, 32.9826, 58.9287



42.5750, 32.9826, 31.6943

Sweetspot

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



24.2891, 32.9840, 19.8387



59.4552, 67.2016, 62.8835



31.4141, 34.3518, 19.7272



12.7424, 14.5439, 13.3211



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.2891, 32.9840, 19.8387



40.5168, 58.1469, 29.9920



24.4835, 32.9415, 26.2936



7.5294, 8.4555, 8.0245



10.8708, 21.3014, 3.5386



0.2925, 0.5327, 0.0874

Inverse Universe

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



27.1425, 21.4536, 39.7579



46.4314, 34.1840, 71.3761



27.0471, 21.6062, 30.6387



7.7387, 7.6134, 9.4800



14.1650, 6.6858, 28.5194



0.3717, 0.1766, 0.6951

Previews

White Background



This preview shows how the XYZ color 24.2883, 32.9826, 19.8380 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 24.2883, 32.9826, 19.8380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

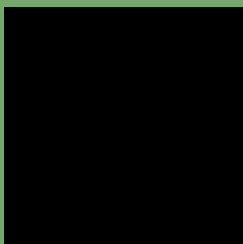
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.2883, 32.9826, 19.8380

Background



This preview shows how black text looks on a background with the XYZ color 24.2883, 32.9826, 19.8380.



This preview shows how white text looks on a background with the XYZ color 24.2883, 32.9826,

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

24.2883, 32.9826, 19.8380

Protanopia

30.4196, 32.7874, 18.0899

Deuteranopia

33.1556, 32.4620, 20.4379



Tritanopia

29.1669, 32.8259, 44.3339

Trichromacy



Original Color

24.2883, 32.9826, 19.8380

Protanomaly

27.8023, 32.6872, 18.7538

Deuteranomaly

29.0001, 32.0059, 20.2721

Tritanomaly

27.0597, 32.7564, 33.7506

Monochromacy



Original Color

24.2883, 32.9826, 19.8380

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

25.9426, 30.0389, 26.6211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2883, 32.9826, 19.8380 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(118, 168, 110)` looks like.

```
.text, #text, p{  
    color:rgb(118, 168, 110)  
}
```

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(118, 168, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 168, 110) }
```

Border

The CSS property to change the border of an element to XYZ 24.2883, 32.9826, 19.8380 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(118, 168, 110) }
```


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

```
.border{ border-color:rgb(118, 168, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 168, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 168, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 168, 110);  
box-shadow:4px 4px 4px 4px rgb(118, 168,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2883, 32.9826, 19.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 168, 110) }
```

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

```
.background{ background-color: rgb(118,  
168, 110) }
```

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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