

Converting Colors

XYZ(24.2839, 32.5495, 22.3082)

Have a look what the booklet for
XYZ(24.2839, 32.5495, 22.3082)
contains.

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Color

**XYZ(24.3509, 32.6823,
22.4777)**

Conversions

Conversions Part 1

Format	Color
Hex	74A777
RGB	116, 167, 119
RGB Percent	45%, 65%, 47%
CMY	0.5451, 0.3451, 0.5333
CMYK	0.31, 0.00, 0.29, 0.35
HSL	124°, 22%, 55%
HSV	124°, 31%, 65%
XYZ	24.3509, 32.6823, 22.4777
YIQ	146.2790, -14.9880, -25.7400

Conversions

Conversions Part 2

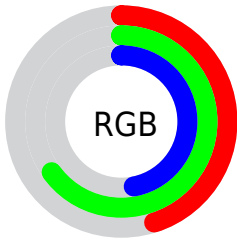
Format	Color
RYB	116, 164, 167
Decimal	7645047
CIELab	63.90, -26.85, 19.56
CIELCh	64, 33.217, 143.922
Yxy	32.6823, 0.3063, 0.4110
Android (android.graphics.Color)	4285835127 (0xFF74A777)
YUV	146.2790, -13.4485, -26.5547
Hunter-Lab	57.1684, -24.0127, 16.7060

Details

The XYZ color **24.3509, 32.6823, 22.4777** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.8836, 23.3872, 38.1148**, and the grayscale version is **27.4946, 28.9265, 31.5010**.

A 20% lighter version of the original color is **49.8341, 63.6178, 48.1810**, and **9.4162, 13.8275, 7.9670** is the 20% darker color. If you saturate the color by 10%, you get **21.4603, 31.2933, 17.8160**, and if you desaturate by 10%, it is **27.7985, 34.3423, 27.9818**.

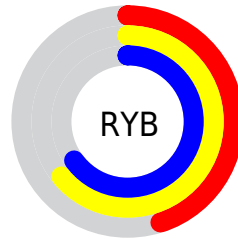
Distribution



Red (45%)

Green (65%)

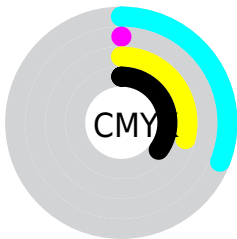
Blue (47%)



Red (45%)

Yellow (64%)

Blue (65%)

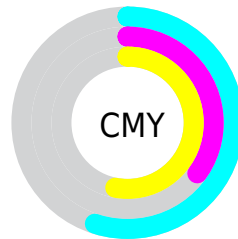


Cyan (31%)

Magenta (0%)

Yellow (29%)

Black (35%)



Cyan (55%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3509, 32.6823, 22.4777 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 24.3509, 32.6823, 22.4777 by changing the saturation by 10% instead.

■ 24.3509, 32.6823,
22.4777

■ 24.3509, 32.6823,
22.4777

266.9974,
314.2157, 278.0653

■ 15.7203, 21.8832,
14.0067

■ 50.0527, 63.8792,
48.4465

■ 9.4160, 13.7711,
7.9865

■ 67.8546, 85.0458,
66.7814

■ 5.0728, 7.9616,
3.9987

■ 89.4444, 110.4369,
89.2414

■ 2.3252, 4.0704,
1.6246

115.1872,
140.4371, 116.2448

■ 0.8075, 1.7130,
0.3083

145.4486,
175.4307, 148.2104

■ 0.0000, 0.4321,
0.0000

180.5939,

■ 0.0000, 0.0000,

215.8021, 185.5567

0.0000

220.9884,
261.9356, 228.7021

■ 24.3509, 32.6823,
22.4777

■ 24.3509, 32.6823,
22.4777

■ 21.4603, 31.2933,
17.8160

■ 27.7985, 34.3423,
27.9818

■ 19.0950, 30.1570,
13.9531

■ 31.8274, 36.2822,
34.3647

■ 17.2241, 29.2594,
10.8449


■ 36.4637, 38.5155,
41.6632

■ 15.8126, 28.5834,
8.4420


■ 41.7310, 41.0538,
49.9115


■ 14.8207, 28.1098,
6.6892


■ 47.6518, 43.9079,
59.1420


 14.2018, 27.8160,
5.5231

 54.2475, 47.0882,
69.3854

 13.8732, 27.6602,
4.8900

 61.5383, 50.6045,
80.6714

 69.5438, 54.4663,
93.0281

 73.1093, 56.1187,
101.5864

Harmonies

Analogous

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



27.5597, 32.6823, 16.8610



24.3509, 32.6823, 22.4777



22.9559, 32.6823, 32.9291

Triad

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



24.3509, 32.6823, 22.4777



30.1216, 32.6823, 67.8087



40.0249, 32.6823, 26.1350

Complementary

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



24.3509, 32.6823, 22.4777



28.8836, 23.3872, 38.1148

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.



40.8854, 32.6823, 38.3810



24.3509, 32.6823, 22.4777



34.8525, 32.6823, 64.6818

Square

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



24.3509, 32.6823, 22.4777



26.0657, 32.6823, 60.7070



38.9087, 32.6823, 52.9978



36.6626, 32.6823, 18.5722

Rectangle

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



24.3509, 32.6823, 22.4777



23.1309, 32.6823, 42.1450



38.9087, 32.6823, 52.9978



40.6295, 32.6823, 29.7445

Sweetspot

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



24.3518, 32.6837, 22.4784



58.0761, 65.4953, 63.2434



32.3753, 36.8405, 21.9277



12.7497, 14.5378, 13.7633



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.



24.3518, 32.6837, 22.4784



39.8197, 56.7087, 34.1526



26.0599, 33.3669, 31.4734



7.4540, 8.4146, 8.1108



10.6219, 21.1675, 3.7758



0.2638, 0.5172, 0.1204

Inverse Universe

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



28.8836, 23.3872, 38.1148



49.3107, 37.2328, 66.8954



26.8392, 22.5694, 27.3494



7.8226, 7.6589, 9.3828



16.8693, 8.1564, 25.1869



0.4160, 0.2007, 0.6419

Previews

White Background



This preview shows how the XYZ color 24.3509, 32.6823, 22.4777 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 24.3509, 32.6823, 22.4777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

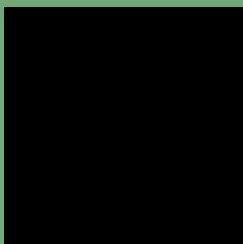
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.3509, 32.6823, 22.4777

Background



This preview shows how black text looks on a background with the XYZ color 24.3509, 32.6823, 22.4777.



This preview shows how white text looks on a background with the XYZ color 24.3509, 32.6823,

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

24.3509, 32.6823, 22.4777

Protanopia

30.2621, 32.4104, 20.2836

Deuteranopia

32.9874, 32.3132, 23.2373



Tritanopia

28.7178, 32.5944, 44.3129

Trichromacy



Original Color

24.3509, 32.6823, 22.4777

Protanomaly

27.7054, 32.3300, 20.9997

Deuteranomaly

29.1388, 32.0159, 23.0563

Tritanomaly

26.8730, 32.6319, 35.0192

Monochromacy



Original Color

24.3509, 32.6823, 22.4777

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

25.9912, 30.0397, 27.7209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3509, 32.6823, 22.4777 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(116, 167, 119)` looks like.

```
.text, #text, p{  
    color:rgb(116, 167, 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(116, 167, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 167, 119) }
```

Border

The CSS property to change the border of an element to XYZ 24.3509, 32.6823, 22.4777 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(116, 167, 119) }
```


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

```
.border{ border-color:rgb(116, 167, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 167, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 167, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 167, 119);  
box-shadow:4px 4px 4px 4px rgb(116, 167,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3509, 32.6823, 22.4777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 167, 119) }
```

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

```
.background{ background-color: rgb(116,  
167, 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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