

Converting Colors

XYZ(24.0868, 32.8725, 17.4826)

Have a look what the booklet for
XYZ(24.0868, 32.8725, 17.4826)
contains.

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Color

**XYZ(24.0973, 32.9379,
17.3995)**

Conversions

Conversions Part 1

Format	Color
Hex	78A865
RGB	120, 168, 101
RGB Percent	47%, 66%, 40%
CMY	0.5294, 0.3412, 0.6039
CMYK	0.29, 0.00, 0.40, 0.34
HSL	103°, 28%, 53%
HSV	103°, 40%, 66%
XYZ	24.0973, 32.9379, 17.3995
YIQ	146.0100, -7.1010, -31.0130

Conversions

Conversions Part 2

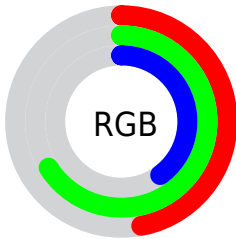
Format	Color
RYB	101, 168, 149
Decimal	7907429
CIELab	64.11, -28.85, 29.59
CIElCh	64, 41.326, 134.273
Yxy	32.9379, 0.3237, 0.4425
Android (android.graphics.Color)	4286097509 (0xFF78A865)
YUV	146.0100, -22.1899, -22.8108
Hunter-Lab	57.3915, -25.4875, 22.1990

Details

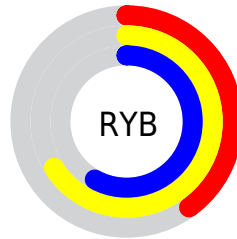
The XYZ color **24.0973, 32.9379, 17.3995** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.1175, 18.5251, 39.3521**, and the grayscale version is **27.4166, 28.8444, 31.4115**.

A 20% lighter version of the original color is **49.5930, 64.0739, 39.8907**, and **9.3422, 14.0130, 5.5806** is the 20% darker color. If you saturate the color by 10%, you get **21.7914, 31.8357, 13.4253**, and if you desaturate by 10%, it is **26.7831, 34.2184, 22.2712**.

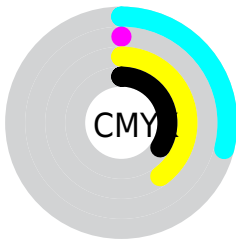
Distribution



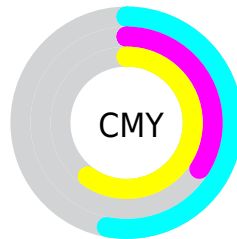
- Red (47%)
- Green (66%)
- Blue (40%)



- Red (40%)
- Yellow (66%)
- Blue (58%)



- Cyan (29%)
- Magenta (0%)
- Yellow (40%)
- Black (34%)





- Cyan (53%)
- Magenta (34%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0973, 32.9379, 17.3995 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 24.0973, 32.9379, 17.3995 by changing the saturation by 10% instead.


 24.0973, 32.9379,
17.3995


 24.0973, 32.9379,
17.3995


265.7434,
315.3698, 249.5856


 15.5309, 22.0789,
10.3548

 49.6425, 64.2786,
39.8114


 9.2816, 13.9149,
5.5261


 67.3520, 85.5290,
56.0157

 4.9839, 8.0615,
2.4951


 88.8399, 111.0120,
76.1102

 2.2725, 4.1343,
0.8375

 114.4716,
141.1120, 100.5135

 0.7805, 1.7490,
0.0000

144.6124,
176.2134, 129.6442

 0.0000, 0.4551,
0.0000

179.6278,

 0.0000, 0.0000,

216.7006, 163.9207

0.0000

219.8830,
262.9579, 203.7617

■ 24.0973, 32.9379,
17.3995

■ 24.0973, 32.9379,
17.3995

■ 21.7914, 31.8357,
13.4253

■ 26.7831, 34.2184,
22.2712

■ 19.8447, 30.8995,
10.2918

■ 29.8630, 35.6806,
28.0883

■ 18.2384, 30.1219,
7.9389


■ 33.3536, 37.3330,
34.8981


■ 16.9508, 29.4931,
6.2977


■ 37.2699, 39.1823,
42.7438


■ 15.9569, 29.0021,
5.2873


■ 41.6257, 41.2349,
51.6662


 15.2130, 28.6301,
4.7301

 46.4347, 43.4968,
61.7039

 15.2052, 28.6262,
4.7240

 51.7097, 45.9739,
72.8936

 57.4628, 48.6718,
85.2702

 63.7061, 51.5958,
98.8673

Harmonies

Analogous

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



28.6163, 32.9379, 12.8381



24.0973, 32.9379, 17.3995



21.6856, 32.9379, 27.8266

Triad

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



24.0973, 32.9379, 17.3995



28.3575, 32.9379, 76.6301



43.5120, 32.9379, 28.4986

Complementary

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



24.0973, 32.9379, 17.3995



24.1175, 18.5251, 39.3521

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.



43.4201, 32.9379, 45.3163



24.0973, 32.9379, 17.3995



34.1601, 32.9379, 76.9816

Square

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



24.0973, 32.9379, 17.3995



23.9282, 32.9379, 63.3557



39.8267, 32.9379, 64.2041



40.0641, 32.9379, 17.7588

Rectangle

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



24.0973, 32.9379, 17.3995



21.3821, 32.9379, 38.3159



39.8267, 32.9379, 64.2041



43.9064, 32.9379, 33.5186

Sweetspot

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



24.0981, 32.9393, 17.4002



58.9724, 67.0101, 60.2688



29.0730, 30.4143, 16.6506



12.6797, 14.5231, 12.7951



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.



24.0981, 32.9393, 17.4002



39.9305, 57.9543, 25.0121



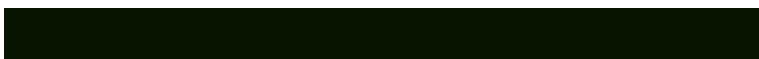
22.4306, 31.9975, 21.0338



7.6291, 8.5069, 8.0292



11.5265, 21.6394, 3.5693



0.3297, 0.5519, 0.0891

Inverse Universe

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



24.1175, 18.5251, 39.3521



39.9457, 28.0498, 70.5339



26.6862, 19.9862, 33.2872



7.6315, 7.5582, 9.4750



11.2768, 5.1968, 28.3842



0.3207, 0.1503, 0.6928

Previews

White Background



This preview shows how the XYZ color 24.0973, 32.9379, 17.3995 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 24.0973, 32.9379, 17.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

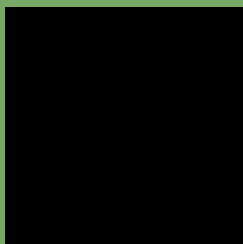
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.0973, 32.9379, 17.3995

Background



This preview shows how black text looks on a background with the XYZ color 24.0973, 32.9379, 17.3995.



This preview shows how white text looks on a background with the XYZ color 24.0973, 32.9379,

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

24.0973, 32.9379, 17.3995

Protanopia

30.1949, 32.7222, 15.7909

Deuteranopia

33.1990, 32.5347, 18.1657



Tritanopia

29.5329, 33.0257, 43.8478

Trichromacy



Original Color

24.0973, 32.9379, 17.3995

Protanomaly

27.5379, 32.6028, 16.3968

Deuteranomaly

28.9180, 32.0192, 17.7529

Tritanomaly

27.1876, 32.8589, 32.1036

Monochromacy



Original Color

24.0973, 32.9379, 17.3995

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

25.9014, 30.0413, 25.5525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0973, 32.9379, 17.3995 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(120, 168, 101)` looks like.

```
.text, #text, p{  
    color:rgb(120, 168, 101)  
}
```

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(120, 168, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 168, 101) }
```

Border

The CSS property to change the border of an element to XYZ 24.0973, 32.9379, 17.3995 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(120, 168, 101) }
```


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

```
.border{ border-color:rgb(120, 168, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 168, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 168, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 168, 101);  
box-shadow:4px 4px 4px 4px rgb(120, 168,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0973, 32.9379, 17.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 168, 101) }
```

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

```
.background{ background-color: rgb(120,  
168, 101) }
```

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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