

Converting Colors

XYZ(24.0259, 29.1769, 17.6015)

Have a look what the booklet for
XYZ(24.0259, 29.1769, 17.6015)
contains.

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Color

**XYZ(24.0971, 29.2820,
17.7465)**

Conversions

Conversions Part 1

Format	Color
Hex	879A69
RGB	135, 154, 105
RGB Percent	53%, 60%, 41%
CMY	0.4706, 0.3961, 0.5882
CMYK	0.12, 0.00, 0.32, 0.40
HSL	83°, 20%, 51%
HSV	83°, 32%, 60%
XYZ	24.0971, 29.2820, 17.7465
YIQ	142.7330, 4.4050, -19.2670

Conversions

Conversions Part 2

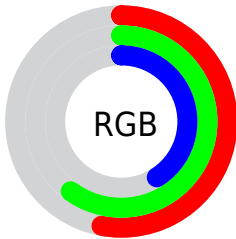
Format	Color
RYB	105, 154, 124
Decimal	8886889
CIELab	61.03, -15.57, 23.56
CIElCh	61, 28.241, 123.457
Yxy	29.2820, 0.3388, 0.4117
Android (android.graphics.Color)	4287076969 (0xFF879A69)
YUV	142.7330, -18.6024, -6.7818
Hunter-Lab	54.1128, -15.2093, 18.4346

Details

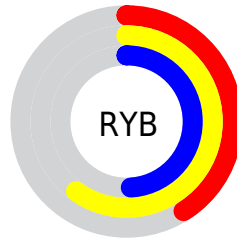
The XYZ color **24.0971, 29.2820, 17.7465** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.1976, 16.7221, 32.7893**, and the grayscale version is **26.0732, 27.4310, 29.8724**.

A 20% lighter version of the original color is **49.6279, 58.3649, 40.5482**, and **9.3351, 11.9272, 5.6811** is the 20% darker color. If you saturate the color by 10%, you get **22.4423, 28.5131, 13.9048**, and if you desaturate by 10%, it is **25.9507, 30.1386, 22.3470**.

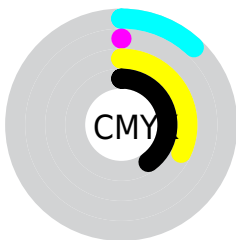
Distribution



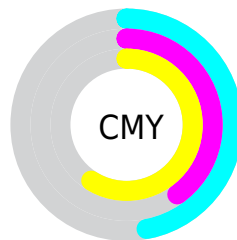
- Red (53%)
- Green (60%)
- Blue (41%)



- Red (41%)
- Yellow (60%)
- Blue (49%)



- Cyan (12%)
- Magenta (0%)
- Yellow (32%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0971, 29.2820, 17.7465 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 24.0971, 29.2820, 17.7465 by changing the saturation by 10% instead.

■ 24.0971, 29.2820,
17.7465

■ 24.0971, 29.2820,
17.7465

265.7424,
298.5432, 251.6262

■ 15.5308, 19.2943,
10.6006

■ 49.6421, 58.5248,
40.4130

■ 9.2815, 11.8831,
5.6882

■ 67.3516, 78.5487,
56.7706

■ 4.9838, 6.6641,
2.5907

■ 88.8394, 102.6867,
77.0359

■ 2.2724, 3.2529,
0.8877

■ 114.4710,
131.3233, 101.6274

■ 0.7805, 1.2652,
0.0000

144.6118,
164.8429, 130.9637

■ 0.0000, 0.1140,
0.0000

179.6270,

■ 0.0000, 0.0000,

203.6298, 165.4632

0.0000

219.8821,
248.0684, 205.5445

■ 24.0971, 29.2820,
17.7465

■ 24.0971, 29.2820,
17.7465

■ 22.4423, 28.5131,
13.9048

■ 25.9507, 30.1386,
22.3470

■ 20.9754, 27.8246,
10.7792

■ 28.0089, 31.0823,
27.7421

■ 19.6878, 27.2138,
8.3257

■ 30.2798, 32.1176,
33.9678

■ 18.5692, 26.6765,
6.4945

■ 32.7708, 33.2474,
41.0572

■ 17.6079, 26.2079,
5.2292

■ 35.4883, 34.4744,
49.0415

■ 16.7902, 25.8025,
4.4628

■ 38.4390, 35.8014,
57.9505

■ 16.2012, 25.5070,
4.0694

■ 41.6289, 37.2309,
67.8126

■ 45.0639, 38.7653,
78.6549

■ 48.7498, 40.4070,
90.5035

Harmonies

Analogous

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



27.4057, 29.2820, 15.5853



24.0971, 29.2820, 17.7465



21.9495, 29.2820, 23.6304

Triad

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



24.0971, 29.2820, 17.7465



24.7771, 29.2820, 53.7593



35.5395, 29.2820, 30.6725

Complementary

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



24.0971, 29.2820, 17.7465



19.1976, 16.7221, 32.7893

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.



34.6807, 29.2820, 41.8633



24.0971, 29.2820, 17.7465



28.2621, 29.2820, 56.7995

Square

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



24.0971, 29.2820, 17.7465



22.3171, 29.2820, 44.4621



31.9334, 29.2820, 52.0407



34.1872, 29.2820, 21.9332

Rectangle

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



24.0971, 29.2820, 17.7465



21.3555, 29.2820, 29.6211



31.9334, 29.2820, 52.0407



35.5003, 29.2820, 34.2575

Sweetspot

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



24.0978, 29.2833, 17.7471



51.5188, 56.7536, 52.1195



23.0578, 22.2519, 16.4448



11.5434, 12.7922, 11.4801



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.0978, 29.2833, 17.7471



41.6484, 52.2054, 27.2498



20.6262, 27.4936, 17.5847



6.4768, 7.1033, 6.6355



13.2397, 20.8012, 3.3172



0.2385, 0.3319, 0.0515

Inverse Universe

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



19.1976, 16.7221, 32.7893



31.3546, 25.8075, 58.8651



23.1494, 18.7593, 32.9742



6.0997, 6.1373, 7.7921



6.2943, 2.6959, 25.0963



0.1329, 0.0603, 0.3770

Previews

White Background



This preview shows how the XYZ color 24.0971, 29.2820, 17.7465 looks on a white background.

Color Contrast Check

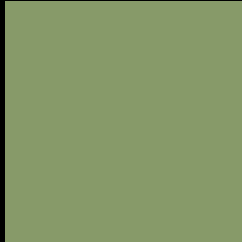
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0971, 29.2820, 17.7465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

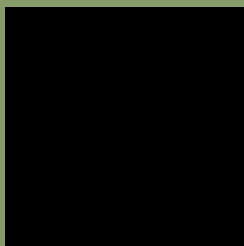
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.0971, 29.2820, 17.7465

Background



This preview shows how black text looks on a background with the XYZ color 24.0971, 29.2820, 17.7465.



This preview shows how white text looks on a background with the XYZ color 24.0971, 29.2820,

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

24.0971, 29.2820, 17.7465

Protanopia

27.1301, 29.1977, 16.7762

Deuteranopia

29.6872, 29.1311, 18.2455



Tritanopia

28.0194, 29.2103, 36.9623

Trichromacy



Original Color

24.0971, 29.2820, 17.7465

Protanomaly

25.9322, 29.2760, 17.1160

Deuteranomaly

27.4299, 29.0929, 18.0797

Tritanomaly

26.3818, 29.2522, 28.6819

Monochromacy



Original Color

24.0971, 29.2820, 17.7465

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.2114, 28.0279, 24.8500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0971, 29.2820, 17.7465 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(135, 154, 105)` looks like.

```
.text, #text, p{  
    color:rgb(135, 154, 105)  
}
```

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(135, 154, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 154, 105) }
```

Border

The CSS property to change the border of an element to XYZ 24.0971, 29.2820, 17.7465 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(135, 154, 105) }
```


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

```
.border{ border-color:rgb(135, 154, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 154, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 154, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 154, 105);  
box-shadow:4px 4px 4px 4px rgb(135, 154,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0971, 29.2820, 17.7465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 154, 105) }
```

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

```
.background{ background-color: rgb(135,  
154, 105) }
```

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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