

Converting Colors

XYZ(23.0496, 28.6074, 23.8015)

Have a look what the booklet for
XYZ(23.0496, 28.6074, 23.8015)
contains.

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Color

**XYZ(23.0030, 28.5849,
23.7071)**

Conversions

Conversions Part 1

Format	Color
Hex	789A7D
RGB	120, 154, 125
RGB Percent	47%, 60%, 49%
CMY	0.5294, 0.3961, 0.5098
CMYK	0.22, 0.00, 0.19, 0.40
HSL	129°, 14%, 54%
HSV	129°, 22%, 60%
XYZ	23.0030, 28.5849, 23.7071
YIQ	140.5280, -10.9550, -16.2270

Conversions

Conversions Part 2

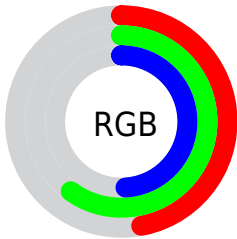
Format	Color
RYB	120, 150, 154
Decimal	7903869
CIELab	60.41, -17.78, 11.43
CIElCh	60, 21.134, 147.266
Yxy	28.5849, 0.3055, 0.3796
Android (android.graphics.Color)	4286093949 (0xFF789A7D)
YUV	140.5280, -7.6553, -18.0031
Hunter-Lab	53.4648, -16.7647, 11.1353

Details

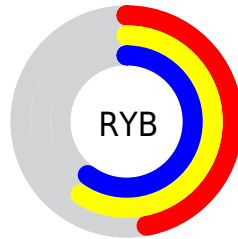
The XYZ color **23.0030, 28.5849, 23.7071** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.4687, 22.4736, 31.4305**, and the grayscale version is **25.1654, 26.4760, 28.8324**.

A 20% lighter version of the original color is **48.0699, 57.6995, 50.7230**, and **8.7533, 11.5619, 8.6078** is the 20% darker color. If you saturate the color by 10%, you get **20.2522, 27.2583, 19.4840**, and if you desaturate by 10%, it is **26.2099, 30.1355, 28.5321**.

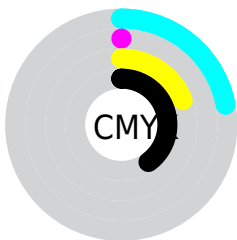
Distribution



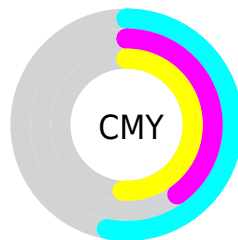
- Red (47%)
- Green (60%)
- Blue (49%)



- Red (47%)
- Yellow (59%)
- Blue (60%)



- Cyan (22%)
- Magenta (0%)
- Yellow (19%)
- Black (40%)



- Cyan (53%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0030, 28.5849, 23.7071 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 23.0030, 28.5849, 23.7071 by changing the saturation by 10% instead.

■ 23.0030, 28.5849,
23.7071

■ 23.0030, 28.5849,
23.7071

260.2754,
295.2513, 284.5750

■ 14.7164, 18.7670,
14.9063

■ 47.8649, 57.4169,
50.4896

■ 8.7056, 11.5021,
8.6078

■ 65.1709, 77.1999,
69.3084

■ 4.6052, 6.4056,
4.3929

■ 86.2141, 101.0733,
92.3037

■ 2.0499, 3.0932,
1.8433

111.3598,
129.4216, 119.8939

■ 0.6618, 1.1806,
0.4563

140.9735,
162.6291, 152.4976

■ 0.0000, 0.0458,
0.0000

175.4204,

■ 0.0000, 0.0000,

201.0803, 190.5333

0.0000

215.0659,
245.1596, 234.4196

■ 23.0030, 28.5849,
23.7071

■ 23.0030, 28.5849,
23.7071

■ 20.2522, 27.2583,
19.4840

■ 26.2099, 30.1355,
28.5321

■ 17.9345, 26.1417,
15.8375

■ 29.8899, 31.9158,
33.9793

■ 16.0282, 25.2255,
12.7429

■ 34.0622, 33.9362,
40.0706

■ 14.5091, 24.4977,
10.1735

■ 38.7439, 36.2050,
46.8259

■ 13.3502, 23.9450,
8.1000

■ 43.9515, 38.7304,
54.2646

■ 12.5210, 23.5523,
6.4903

■ 49.7007, 41.5200,
62.4051

■ 11.9858, 23.3020,
5.3087

■ 56.0066, 44.5813,
71.2651

■ 11.7073, 23.1727,
4.6479

■ 62.8836, 47.9212,
80.8617

■ 69.0073, 50.8567,
91.1489

Harmonies

Analogous

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



24.8430, 28.5849, 19.6185



23.0030, 28.5849, 23.7071



22.2729, 28.5849, 30.4150

Triad

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



23.0030, 28.5849, 23.7071



26.9204, 28.5849, 48.6101



32.0880, 28.5849, 24.7544

Complementary

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



23.0030, 28.5849, 23.7071



25.4687, 22.4736, 31.4305

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.



32.7349, 28.5849, 31.8441



23.0030, 28.5849, 23.7071



29.6361, 28.5849, 46.4264

Square

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



23.0030, 28.5849, 23.7071



24.4381, 28.5849, 45.4998



31.8101, 28.5849, 39.9462



30.0964, 28.5849, 20.1485

Rectangle

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



23.0030, 28.5849, 23.7071



22.4747, 28.5849, 35.7845



31.8101, 28.5849, 39.9462



32.4755, 28.5849, 26.8869

Sweetspot

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



23.0038, 28.5861, 23.7077



50.8018, 56.2847, 56.5712



27.4266, 30.9022, 22.2888



11.4184, 12.7009, 12.6857



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.



23.0038, 28.5861, 23.7077



39.4661, 50.8065, 39.5244



24.1497, 29.0445, 29.7421



6.1673, 6.9397, 6.8046



9.5466, 18.8821, 3.8328



0.1510, 0.2856, 0.1010

Inverse Universe

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



25.4687, 22.4736, 31.4305



44.6768, 37.8817, 55.8476



24.2406, 21.9823, 24.9637



6.4222, 6.3080, 7.6032



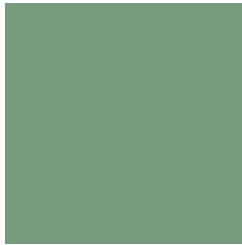
14.2249, 6.9442, 18.2409



0.2220, 0.1076, 0.3219

Previews

White Background



This preview shows how the XYZ color 23.0030, 28.5849, 23.7071 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 23.0030, 28.5849, 23.7071 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 23.0030, 28.5849, 23.7071

Background



This preview shows how black text looks on a background with the XYZ color 23.0030, 28.5849, 23.7071.



This preview shows how white text looks on a background with the XYZ color 23.0030, 28.5849,

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

23.0030, 28.5849, 23.7071

Protanopia

26.7135, 28.4036, 22.1636

Deuteranopia

29.0003, 28.4217, 24.3795



Tritanopia

25.7847, 28.5037, 37.8610

Trichromacy



Original Color

23.0030, 28.5849, 23.7071

Protanomaly

25.0873, 28.2477, 22.5425

Deuteranomaly

26.3506, 28.1727, 24.1277

Tritanomaly

24.7241, 28.5564, 32.2258

Monochromacy



Original Color

23.0030, 28.5849, 23.7071

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.3249, 27.2936, 26.9078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0030, 28.5849, 23.7071 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, 154, 125)` looks like.

```
.text, #text, p{  
    color:rgb(120, 154, 125)  
}
```

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, 154, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 154, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.0030, 28.5849, 23.7071 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, 154, 125) }
```


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

```
.border{ border-color:rgb(120, 154, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 154, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 154, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 154, 125);  
box-shadow:4px 4px 4px 4px rgb(120, 154,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0030, 28.5849, 23.7071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 154, 125) }
```

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

```
.background{ background-color: rgb(120,  
154, 125) }
```

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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