

Converting Colors

XYZ(27.0775, 30.7596, 43.0405)

Have a look what the booklet for
XYZ(27.0775, 30.7596, 43.0405)
contains.

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Color

**XYZ(27.1243, 30.7822,
43.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	799CAB
RGB	121, 156, 171
RGB Percent	47%, 61%, 67%
CMY	0.5255, 0.3882, 0.3294
CMYK	0.29, 0.09, 0.00, 0.33
HSL	198°, 23%, 57%
HSV	198°, 29%, 67%
XYZ	27.1243, 30.7822, 43.0400
YIQ	147.2450, -25.6750, -2.7550

Conversions

Conversions Part 2

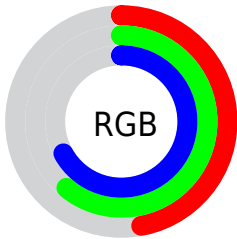
Format	Color
RYB	121, 142, 171
Decimal	7969963
CIELab	62.32, -8.41, -11.74
CIElCh	62, 14.443, 234.374
Yxy	30.7822, 0.2687, 0.3049
Android (android.graphics.Color)	4286160043 (0xFF799CAB)
YUV	147.2450, 11.7112, -23.0169
Hunter-Lab	55.4817, -9.8266, -7.1571

Details

The XYZ color **27.1243, 30.7822, 43.0400** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.0502, 27.6468, 21.8951**, and the grayscale version is **27.7959, 29.2435, 31.8462**.

A 20% lighter version of the original color is **54.2296, 60.5828, 80.7870**, and **10.9071, 12.7372, 19.3364** is the 20% darker color. If you saturate the color by 10%, you get **24.0946, 27.9701, 42.6574**, and if you desaturate by 10%, it is **30.6170, 33.8884, 43.4560**.

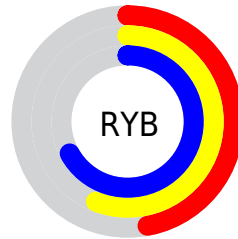
Distribution



Red (47%)

Green (61%)

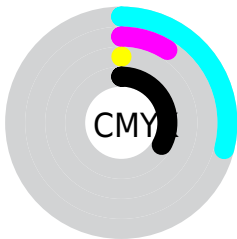
Blue (67%)



Red (47%)

Yellow (56%)

Blue (67%)

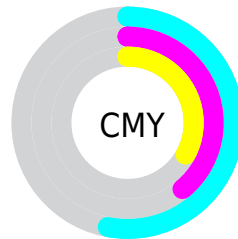


Cyan (29%)

Magenta (9%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (39%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1243, 30.7822, 43.0400 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 27.1243, 30.7822, 43.0400 by changing the saturation by 10% instead.

■ 27.1243, 30.7822,
43.0400

■ 27.1243, 30.7822,
43.0400

280.4150,
305.5337, 374.7023

■ 17.8037, 20.4331,
29.5849

■ 54.5017, 60.8970,
81.0582

■ 10.9080, 12.7102,
19.2743

■ 73.2893, 81.4315,
106.4584

■ 6.0718, 7.2293,
11.6899

■ 95.9631, 106.1298,
136.6773

■ 2.9299, 3.6059,
6.4129

122.8887,
135.3764, 172.1336

■ 1.1168, 1.4557,
3.0249

154.4313,
169.5557, 213.2456

■ 0.0391, 0.2572,
1.1074

190.9563,

■ 0.0000, 0.0000,

209.0521, 260.4321

0.0000

232.8291,
254.2499, 314.1115

■ 27.1243, 30.7822,
43.0400

■ 27.1243, 30.7822,
43.0400

■ 24.0946, 27.9701,
42.6574

■ 30.6170, 33.8884,
43.4560

■ 21.5023, 25.4361,
42.3049

■ 34.5911, 37.2967,
43.9044

■ 19.3233, 23.1678,
41.9819

■ 39.0674, 41.0191,
44.3870

■ 17.5300, 21.1503,
41.6870

■ 44.0647, 45.0659,
44.9047

■ 16.0912, 19.3667,
41.4186

■ 49.6005, 49.4469,
45.4585

■ 14.9702, 17.7976,
41.1748

■ 55.6918, 54.1713,
46.0494

■ 14.0953, 16.4052,
40.9522

■ 62.3546, 59.2480,
46.6781

■ 14.0321, 16.3030,
40.9358

■ 68.5657, 64.1501,
47.2970

■ 69.7506, 66.5200,
47.6920

Harmonies

Analogous

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



25.9687, 30.7822, 38.1535



27.1243, 30.7822, 43.0400



28.8910, 30.7822, 45.3986

Triad

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



27.1243, 30.7822, 43.0400



33.1559, 30.7822, 34.5820



27.7351, 30.7822, 24.6441

Complementary

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



27.1243, 30.7822, 43.0400



29.0502, 27.6468, 21.8951

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.



29.6272, 30.7822, 23.9129



27.1243, 30.7822, 43.0400



32.8130, 30.7822, 29.2714

Square

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



27.1243, 30.7822, 43.0400



32.4172, 30.7822, 40.1793



31.4998, 30.7822, 25.5131



26.3102, 30.7822, 27.6344

Rectangle

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



27.1243, 30.7822, 43.0400



30.1997, 30.7822, 45.0508



31.4998, 30.7822, 25.5131



28.3352, 30.7822, 24.1410

Sweetspot

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



27.1252, 30.7834, 43.0407



62.0105, 66.8466, 78.6363



26.8336, 34.9453, 28.3147



13.5908, 14.7060, 17.5099



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.1252, 30.7834, 43.0407



45.0238, 51.8575, 76.6384



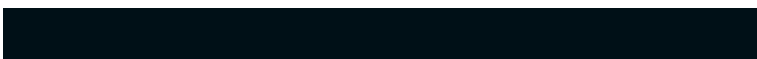
23.4651, 23.4633, 41.8207



8.0304, 8.6603, 10.2010



10.6257, 12.3852, 30.8751



0.3404, 0.4342, 0.8739

Inverse Universe

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



29.6334, 24.7337, 34.6662



50.3399, 39.6169, 58.7582



32.8460, 35.2384, 23.1603



8.2332, 8.1065, 9.5387



15.2270, 7.5533, 14.1066



0.4462, 0.2192, 0.5116

Previews

White Background



This preview shows how the XYZ color 27.1243, 30.7822, 43.0400 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 27.1243, 30.7822, 43.0400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

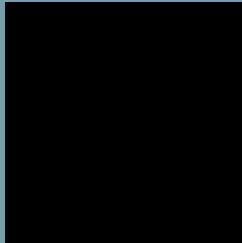
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

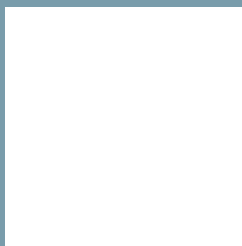
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1243, 30.7822, 43.0400

Background



This preview shows how black text looks on a background with the XYZ color 27.1243, 30.7822, 43.0400.



This preview shows how white text looks on a background with the XYZ color 27.1243, 30.7822,

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

27.1243, 30.7822, 43.0400

Protanopia

29.9352, 30.5808, 40.8841

Deuteranopia

31.3030, 30.7546, 43.8215



Tritanopia

26.9351, 30.7065, 42.0434

Trichromacy



Original Color

27.1243, 30.7822, 43.0400

Protanomaly

28.7774, 30.6869, 41.4522

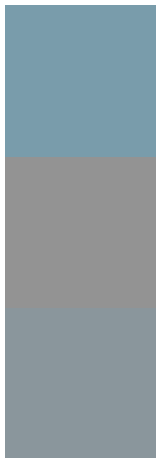
Deuteranomaly

29.5081, 30.5420, 43.3697

Tritanomaly

27.0293, 30.7442, 42.5398

Monochromacy



Original Color

27.1243, 30.7822, 43.0400

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.3883, 29.6163, 35.7255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1243, 30.7822, 43.0400 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(121, 156, 171)` looks like.

```
.text, #text, p{  
    color:rgb(121, 156, 171)  
}
```

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(121, 156, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 156, 171) }
```

Border

The CSS property to change the border of an element to XYZ 27.1243, 30.7822, 43.0400 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(121, 156, 171) }
```


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

```
.border{ border-color:rgb(121, 156, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 156, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 156, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 156, 171);  
box-shadow:4px 4px 4px 4px rgb(121, 156,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1243, 30.7822, 43.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 156, 171) }
```

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

```
.background{ background-color: rgb(121,  
156, 171) }
```

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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