

Converting Colors

XYZ(26.9698, 30.1348, 42.8740)

Have a look what the booklet for
XYZ(26.9698, 30.1348, 42.8740)
contains.

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Color

**XYZ(27.0747, 30.2624,
42.9423)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9AAB
RGB	123, 154, 171
RGB Percent	48%, 60%, 67%
CMY	0.5176, 0.3961, 0.3294
CMYK	0.28, 0.10, 0.00, 0.33
HSL	201°, 22%, 58%
HSV	201°, 28%, 67%
XYZ	27.0747, 30.2624, 42.9423
YIQ	146.6690, -23.9330, -1.2850

Conversions

Conversions Part 2

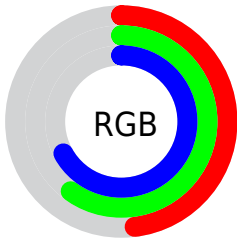
Format	Color
RYB	123, 142, 171
Decimal	8100523
CIELab	61.88, -6.70, -12.39
CIELCh	62, 14.090, 241.594
Yxy	30.2624, 0.2700, 0.3018
Android (android.graphics.Color)	4286290603 (0xFF7B9AAB)
YUV	146.6690, 11.9952, -20.7577
Hunter-Lab	55.0113, -8.4180, -7.7744

Details

The XYZ color **27.0747, 30.2624, 42.9423** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.7483, 28.8446, 22.7394**, and the grayscale version is **27.5565, 28.9916, 31.5718**.

A 20% lighter version of the original color is **54.1878, 59.8328, 80.6444**, and **10.9277, 12.4489, 19.2797** is the 20% darker color. If you saturate the color by 10%, you get **23.8647, 27.1617, 42.5135**, and if you desaturate by 10%, it is **30.7643, 33.6867, 43.4093**.

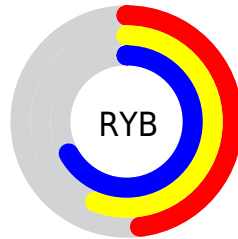
Distribution



Red (48%)

Green (60%)

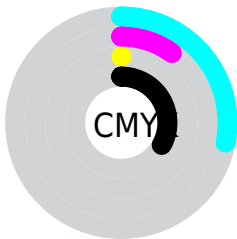
Blue (67%)



Red (48%)

Yellow (56%)

Blue (67%)

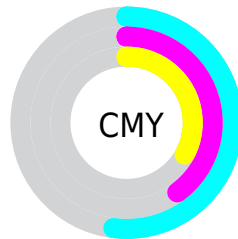


Cyan (28%)

Magenta (10%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0747, 30.2624, 42.9423 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 27.0747, 30.2624, 42.9423 by changing the saturation by 10% instead.

■ 27.0747, 30.2624,
42.9423

■ 27.0747, 30.2624,
42.9423

280.1796,
303.1256, 374.2887

■ 17.7662, 20.0378,
29.5088

■ 54.4228, 60.0769,
80.9092

■ 10.8809, 12.4226,
19.2172

■ 73.1930, 80.4356,
106.2797

■ 6.0535, 7.0321,
11.6489

■ 95.8479, 104.9412,
136.4662

■ 2.9186, 3.4822,
6.3855

122.7529,
133.9780, 171.8873

■ 1.1109, 1.3884,
3.0083

154.2731,
167.9305, 212.9616

■ 0.0342, 0.2081,
1.0989

190.7741,

■ 0.0000, 0.0000,

207.1830, 260.1075

0.0000

232.6211,
252.1199, 313.7437

■ 27.0747, 30.2624,
42.9423

■ 27.0747, 30.2624,
42.9423

■ 23.8647, 27.1617,
42.5135

■ 30.7643, 33.6867,
43.4093

■ 21.1085, 24.3680,
42.1195

■ 34.9521, 37.4429,
43.9136

■ 18.7821, 21.8686,
41.7597

■ 39.6589, 41.5438,
44.4571

■ 16.8580, 19.6480,
41.4325

■ 44.9036, 45.9999,
45.0408

■ 15.3049, 17.6891,
41.1363

■ 50.7041, 50.8216,
45.6657

■ 14.0869, 15.9721,
40.8690

■ 57.0773, 56.0185,
46.3329

■ 13.1436, 14.4645,
40.6278

■ 64.0395, 61.6000,
47.0433

■ 12.9746, 14.1879,
40.5833

■ 69.8170, 66.6527,
47.7141

■ 71.2701, 69.5589,
48.1984

Harmonies

Analogous

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



25.7875, 30.2624, 38.6889



27.0747, 30.2624, 42.9423



28.8643, 30.2624, 44.4448

Triad

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



27.0747, 30.2624, 42.9423



32.5379, 30.2624, 32.6630



26.9075, 30.2624, 24.8815

Complementary

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



27.0747, 30.2624, 42.9423



29.7483, 28.8446, 22.7394

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.



28.6629, 30.2624, 23.6316



27.0747, 30.2624, 42.9423



31.9601, 30.2624, 27.8097

Square

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



27.0747, 30.2624, 42.9423



32.0683, 30.2624, 38.1355



30.5211, 30.2624, 24.6431



25.6939, 30.2624, 28.2584

Rectangle

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



27.0747, 30.2624, 42.9423



30.1171, 30.2624, 43.5668



30.5211, 30.2624, 24.6431



27.4511, 30.2624, 24.2164

Sweetspot

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



27.0756, 30.2636, 42.9430



62.5390, 67.0067, 78.6393



27.4509, 35.2250, 30.0868



13.6869, 14.7128, 17.5062



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.



27.0756, 30.2636, 42.9430



44.6397, 50.5074, 76.3980



23.5291, 23.1707, 41.7608



7.9941, 8.5875, 10.1889



9.8317, 10.7973, 30.6104



0.3225, 0.3983, 0.8679

Inverse Universe

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



29.7111, 25.1578, 33.8631



50.2881, 40.1401, 56.8087



33.6100, 36.5680, 24.0267



8.2148, 8.0992, 9.4420



14.8262, 7.3930, 11.9963



0.4372, 0.2156, 0.4639

Previews

White Background



This preview shows how the XYZ color 27.0747, 30.2624, 42.9423 looks on a white background.

Color Contrast Check

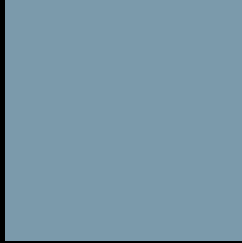
Large Text (above 18pt) WCAG AA × Fail

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 27.0747, 30.2624, 42.9423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

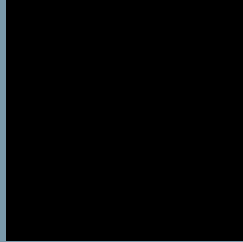
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

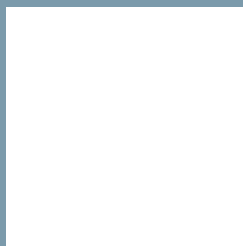
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0747, 30.2624, 42.9423

Background



This preview shows how black text looks on a background with the XYZ color 27.0747, 30.2624, 42.9423.



This preview shows how white text looks on a background with the XYZ color 27.0747, 30.2624,

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

27.0747, 30.2624, 42.9423

Protanopia

29.4190, 30.0808, 40.8148

Deuteranopia

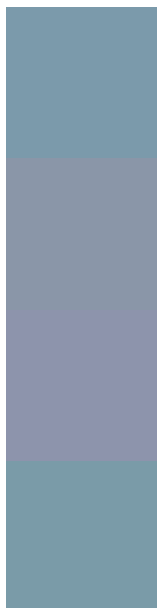
30.6171, 29.9433, 43.7011



Tritanopia

26.7224, 30.3703, 41.0128

Trichromacy



Original Color

27.0747, 30.2624, 42.9423

Protanomaly

28.4555, 30.0431, 41.3449

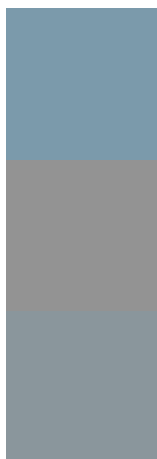
Deuteranomaly

29.0208, 29.8211, 43.2562

Tritanomaly

26.8153, 30.4074, 41.5017

Monochromacy



Original Color

27.0747, 30.2624, 42.9423

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 27.0747, 30.2624, 42.9423 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(123, 154, 171)` looks like.

```
.text, #text, p{  
    color:rgb(123, 154, 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(123, 154, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 154, 171) }
```

Border

The CSS property to change the border of an element to XYZ 27.0747, 30.2624, 42.9423 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(123, 154, 171) }
```


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

```
.border{ border-color:rgb(123, 154, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 154, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 154, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 154, 171);  
box-shadow:4px 4px 4px 4px rgb(123, 154,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0747, 30.2624, 42.9423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 154, 171) }
```

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

```
.background{ background-color: rgb(123,  
154, 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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