

Converting Colors

XYZ(27.3376, 30.2928, 42.9347)

Have a look what the booklet for
XYZ(27.3376, 30.2928, 42.9347)
contains.

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Color

**XYZ(27.3637, 30.4115,
42.9559)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9AAB
RGB	125, 154, 171
RGB Percent	49%, 60%, 67%
CMY	0.5098, 0.3961, 0.3294
CMYK	0.27, 0.10, 0.00, 0.33
HSL	202°, 21%, 58%
HSV	202°, 27%, 67%
XYZ	27.3637, 30.4115, 42.9559
YIQ	147.2670, -22.7410, -0.8610

Conversions

Conversions Part 2

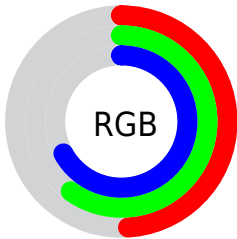
Format	Color
RYB	125, 143, 171
Decimal	8231595
CIELab	62.01, -6.09, -12.19
CIELCh	62, 13.624, 243.463
Yxy	30.4115, 0.2717, 0.3019
Android (android.graphics.Color)	4286421675 (0xFF7D9AAB)
YUV	147.2670, 11.7004, -19.5282
Hunter-Lab	55.1466, -7.9351, -7.5807

Details

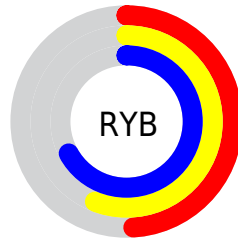
The XYZ color **27.3637, 30.4115, 42.9559** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **30.1695, 29.4846, 23.5036**, and the grayscale version is **27.8042, 29.2522, 31.8556**.

A 20% lighter version of the original color is **54.6434, 60.0677, 80.6657**, and **11.0817, 12.5283, 19.2869** is the 20% darker color. If you saturate the color by 10%, you get **24.0636, 27.2033, 42.5111**, and if you desaturate by 10%, it is **31.1503, 33.9536, 43.4405**.

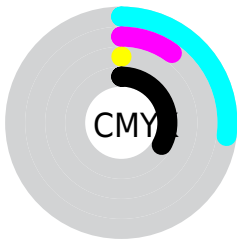
Distribution



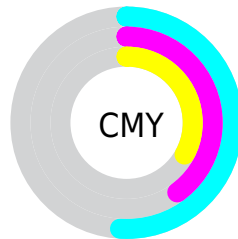
- Red (49%)
- Green (60%)
- Blue (67%)



- Red (49%)
- Yellow (56%)
- Blue (67%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)
- Black (33%)



- Cyan (51%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3637, 30.4115, 42.9559 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 27.3637, 30.4115, 42.9559 by changing the saturation by 10% instead.

■ 27.3637, 30.4115,
42.9559

■ 27.3637, 30.4115,
42.9559

281.5493,
303.8179, 374.3463

■ 17.9846, 20.1511,
29.5194

■ 54.8827, 60.3123,
80.9300

■ 11.0385, 12.5050,
19.2251

■ 73.7533, 80.7216,
106.3046

■ 6.1602, 7.0886,
11.6546

■ 96.5184, 105.2826,
136.4956

■ 2.9843, 3.5175,
6.3893

123.5434,
134.3798, 171.9216

■ 1.1455, 1.4075,
3.0106

155.1937,
168.3975, 213.0011

■ 0.0627, 0.2223,
1.1001

191.8345,

■ 0.0000, 0.0000,

207.7202, 260.1527

0.0000

233.8313,
252.7321, 313.7949

■ 27.3637, 30.4115,
42.9559

■ 27.3637, 30.4115,
42.9559

■ 24.0636, 27.2033,
42.5111

■ 31.1503, 33.9536,
43.4405

■ 21.2245, 24.3122,
42.1027

■ 35.4420, 37.8380,
43.9641

■ 18.8224, 21.7254,
41.7300

■ 40.2595, 42.0774,
44.5285

■ 16.8300, 19.4275,
41.3915

■ 45.6218, 46.6827,
45.1348

■ 15.2165, 17.4013,
41.0854

■ 51.5466, 51.6642,
45.7840

■ 13.9464, 15.6271,
40.8099

■ 58.0509, 57.0319,
46.4773

■ 12.9685, 14.0771,
40.5623

■ 65.1511, 62.7951,
47.2154

■ 12.6936, 13.6260,
40.4897

■ 70.3156, 67.6499,
47.8803

■ 71.8535, 70.7257,
48.3930

Harmonies

Analogous

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



26.0720, 30.4115, 38.9772



27.3637, 30.4115, 42.9559



29.1180, 30.4115, 44.2070

Triad

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



27.3637, 30.4115, 42.9559



32.5561, 30.4115, 32.5088



27.0108, 30.4115, 25.4077

Complementary

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



27.3637, 30.4115, 42.9559



30.1695, 29.4846, 23.5036

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.



28.6935, 30.4115, 24.0501



27.3637, 30.4115, 42.9559



31.9366, 30.4115, 27.8686

Square

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



27.3637, 30.4115, 42.9559



32.1639, 30.4115, 37.8152



30.5036, 30.4115, 24.9017



25.8744, 30.4115, 28.8177

Rectangle

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



27.3637, 30.4115, 42.9559



30.3269, 30.4115, 43.2278



30.5036, 30.4115, 24.9017



27.5287, 30.4115, 24.7135

Sweetspot

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



27.3646, 30.4127, 42.9566



62.4693, 66.8673, 78.6161



27.8934, 35.4354, 30.9089



13.6686, 14.6764, 17.5001



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.



27.3646, 30.4127, 42.9566



45.5545, 51.1389, 76.4717



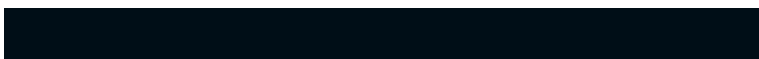
23.9429, 23.5693, 41.8160



7.9838, 8.5669, 10.1855



9.6206, 10.3750, 30.5400



0.3176, 0.3885, 0.8662

Inverse Universe

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



29.9617, 25.6589, 33.9468



51.0423, 41.5616, 57.3283



33.9279, 37.0014, 24.7564



8.2096, 8.0971, 9.4146



14.7197, 7.3504, 11.4351



0.4347, 0.2146, 0.4509

Previews

White Background



This preview shows how the XYZ color 27.3637, 30.4115, 42.9559 looks on a white background.

Color Contrast Check

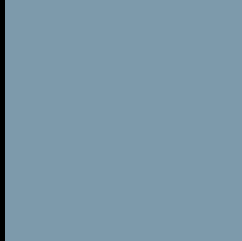
Large Text (above 18pt) WCAG AA × Fail

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 27.3637, 30.4115, 42.9559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

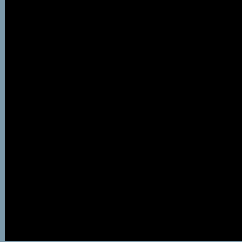
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

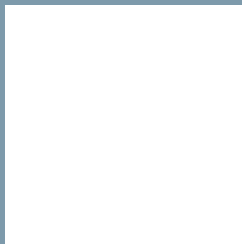
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3637, 30.4115, 42.9559

Background



This preview shows how black text looks on a background with the XYZ color 27.3637, 30.4115, 42.9559.



This preview shows how white text looks on a background with the XYZ color 27.3637, 30.4115,

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

27.3637, 30.4115, 42.9559

Protanopia

29.5976, 30.1729, 40.8232

Deuteranopia

30.9586, 30.3472, 43.7611



Tritanopia

27.0086, 30.5178, 41.0262

Trichromacy



Original Color

27.3637, 30.4115, 42.9559

Protanomaly

28.6217, 30.1288, 41.3527

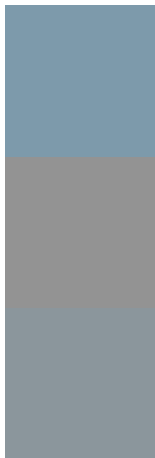
Deuteranomaly

29.5215, 30.3131, 43.3248

Tritanomaly

27.1014, 30.5549, 41.5151

Monochromacy



Original Color

27.3637, 30.4115, 42.9559

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5546, 29.7020, 35.7333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3637, 30.4115, 42.9559 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(125, 154, 171)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 154, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 154, 171) }
```

Border

The CSS property to change the border of an element to XYZ 27.3637, 30.4115, 42.9559 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(125, 154, 171) }
```


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

```
.border{ border-color:rgb(125, 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(125, 154, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 154, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 154, 171);  
box-shadow:4px 4px 4px 4px rgb(125, 154,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3637, 30.4115, 42.9559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 154, 171) }
```

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

```
.background{ background-color: rgb(125,  
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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