

Converting Colors

XYZ(27.1804, 29.7976, 44.3633)

Have a look what the booklet for
XYZ(27.1804, 29.7976, 44.3633)
contains.

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Color

**XYZ(27.1804, 29.7976,
44.3633)**

Conversions

Conversions Part 1

Format	Color
Hex	7C98AE
RGB	124, 152, 174
RGB Percent	49%, 60%, 68%
CMY	0.5137, 0.4039, 0.3176
CMYK	0.29, 0.13, 0.00, 0.32
HSL	206°, 24%, 58%
HSV	206°, 29%, 68%
XYZ	27.1804, 29.7976, 44.3633
YIQ	146.1360, -23.7500, 0.9060

Conversions

Conversions Part 2

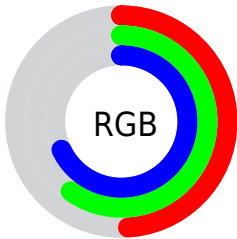
Format	Color
RYB	124, 142, 174
Decimal	8165550
CIELab	61.48, -4.55, -14.68
CIElCh	61, 15.373, 252.793
Yxy	29.7976, 0.2682, 0.2940
Android (android.graphics.Color)	4286355630 (0xFF7C98AE)
YUV	146.1360, 13.7370, -19.4133
Hunter-Lab	54.5872, -6.6477, -9.9743

Details

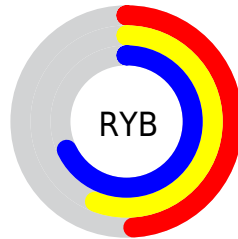
The XYZ color **27.1804, 29.7976, 44.3633** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **31.3728, 31.0118, 23.4019**, and the grayscale version is **27.3305, 28.7538, 31.3129**.

A 20% lighter version of the original color is **54.7143, 59.3208, 83.4292**, and **10.9142, 12.1290, 20.1782** is the 20% darker color. If you saturate the color by 10%, you get **23.6818, 26.2093, 43.8556**, and if you desaturate by 10%, it is **31.2048, 33.7775, 44.9199**.

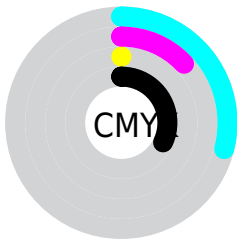
Distribution



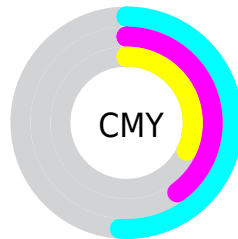
- Red (49%)
- Green (60%)
- Blue (68%)



- Red (49%)
- Yellow (56%)
- Blue (68%)



- Cyan (29%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)



- Cyan (51%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1804, 29.7976, 44.3633 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 27.1804, 29.7976, 44.3633 by changing the saturation by 10% instead.

■ 27.1804, 29.7976,
44.3633

■ 27.1804, 29.7976,
44.3633

280.6812,
300.9599, 380.2734

■ 17.8460, 19.6850,
30.6169

■ 54.5911, 59.3419,
83.0724

■ 10.9385, 12.1663,
20.0513

■ 73.3981, 79.5425,
108.8723

■ 6.0925, 6.8570,
12.2479

■ 96.0934, 103.8745,
139.5271

■ 2.9426, 3.3728,
6.7882

123.0423,
132.7223, 175.4553

■ 1.1235, 1.3293,
3.2535

154.6101,
166.4704, 217.0755

■ 0.0446, 0.1638,
1.2255

191.1623,

■ 0.0000, 0.0000,

205.5031, 264.8062

0.0000

233.0642,
250.2048, 319.0660

■ 27.1804, 29.7976,
44.3633

■ 27.1804, 29.7976,
44.3633

■ 23.6818, 26.2093,
43.8556

■ 31.2048, 33.7775,
44.9199

■ 20.6813, 22.9939,
43.3931

■ 35.7753, 38.1594,
45.5248

■ 18.1529, 20.1364,
42.9748

■ 40.9144, 42.9578,
46.1801

■ 16.0669, 17.6191,
42.5989

■ 46.6425, 48.1853,
46.8872

■ 14.3895, 15.4223,
42.2632

■ 52.9790, 53.8538,
47.6474

■ 13.0818, 13.5232,
41.9656

■ 59.9423, 59.9748,
48.4618

■ 12.0743, 11.8835,
41.7022

■ 67.5500, 66.5593,
49.3318

■ 11.9561, 11.6882,
41.6707

■ 72.7364, 72.0287,
50.1142

■ 74.7107, 75.9772,
50.7722

Harmonies

Analogous

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



25.5476, 29.7976, 40.6642



27.1804, 29.7976, 44.3633



29.1966, 29.7976, 44.6390

Triad

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



27.1804, 29.7976, 44.3633



32.3094, 29.7976, 30.0271



25.7470, 29.7976, 24.8997

Complementary

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



27.1804, 29.7976, 44.3633



31.3728, 31.0118, 23.4019

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.



27.4645, 29.7976, 22.7016



27.1804, 29.7976, 44.3633



31.2897, 29.7976, 25.4146

Square

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



27.1804, 29.7976, 44.3633



32.2244, 29.7976, 35.8722



29.4946, 29.7976, 22.8781



24.7476, 29.7976, 29.2425

Rectangle

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



27.1804, 29.7976, 44.3633



30.4932, 29.7976, 42.8006



29.4946, 29.7976, 22.8781



26.2559, 29.7976, 23.9101

Sweetspot

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



27.1813, 29.7988, 44.3640



64.5196, 68.8642, 82.5284



28.6113, 36.6227, 32.6200



14.0637, 15.0436, 18.3068



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.1813, 29.7988, 44.3640



45.4669, 50.1475, 79.9199



23.5853, 22.6068, 43.1653



7.9369, 8.4732, 10.1699



8.7317, 8.5972, 30.2437



0.2962, 0.3458, 0.8591

Inverse Universe

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



30.3314, 25.6817, 33.0656



52.1609, 41.9178, 55.7944



35.5942, 39.4545, 24.8090



8.1860, 8.0876, 9.2901



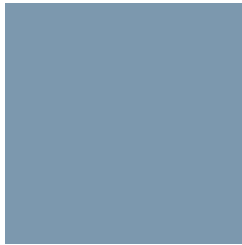
14.2710, 7.1709, 9.0724



0.4239, 0.2102, 0.3941

Previews

White Background



This preview shows how the XYZ color 27.1804, 29.7976, 44.3633 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 27.1804, 29.7976, 44.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

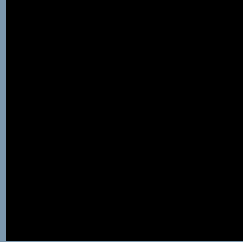
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

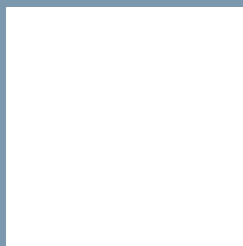
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1804, 29.7976, 44.3633

Background



This preview shows how black text looks on a background with the XYZ color 27.1804, 29.7976, 44.3633.



This preview shows how white text looks on a background with the XYZ color 27.1804, 29.7976,

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

27.1804, 29.7976, 44.3633

Protanopia

29.2860, 29.7370, 42.7244

Deuteranopia

30.3563, 29.7749, 45.2215



Tritanopia

26.3002, 29.6732, 40.4177

Trichromacy



Original Color

27.1804, 29.7976, 44.3633

Protanomaly

28.5104, 29.7918, 43.2775

Deuteranomaly

29.1430, 29.8504, 44.7831

Tritanomaly

26.7210, 29.8580, 41.8909

Monochromacy



Original Color

27.1804, 29.7976, 44.3633

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.0719, 28.9834, 35.6200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1804, 29.7976, 44.3633 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(124, 152, 174)` looks like.

```
.text, #text, p{  
    color:rgb(124, 152, 174)  
}
```

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(124, 152, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 152, 174) }
```

Border

The CSS property to change the border of an element to XYZ 27.1804, 29.7976, 44.3633 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(124, 152, 174) }
```


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

```
.border{ border-color:rgb(124, 152, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 152, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 152, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 152, 174);  
box-shadow:4px 4px 4px 4px rgb(124, 152,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1804, 29.7976, 44.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 152, 174) }
```

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

```
.background{ background-color: rgb(124,  
152, 174) }
```

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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