

Converting Colors

XYZ(26.6454, 29.5627, 44.3849)

Have a look what the booklet for
XYZ(26.6454, 29.5627, 44.3849)
contains.

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Color

**XYZ(26.6139, 29.5055,
44.3368)**

Conversions

Conversions Part 1

Format	Color
Hex	7898AE
RGB	120, 152, 174
RGB Percent	47%, 60%, 68%
CMY	0.5294, 0.4039, 0.3176
CMYK	0.31, 0.13, 0.00, 0.32
HSL	204°, 25%, 58%
HSV	204°, 31%, 68%
XYZ	26.6139, 29.5055, 44.3368
YIQ	144.9400, -26.1340, 0.0580

Conversions

Conversions Part 2

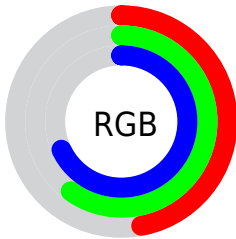
Format	Color
R_{YB}	120, 140, 174
Decimal	7903406
CIE _{Lab}	61.23, -5.76, -15.09
CIE _{LCh}	61, 16.154, 249.119
Yxy	29.5055, 0.2649, 0.2937
Android (android.graphics.Color)	4286093486 (0xFF7898AE)
YUV	144.9400, 14.3266, -21.8724
Hunter-Lab	54.3190, -7.6011, -10.3710

Details

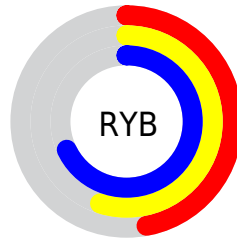
The XYZ color **26.6139, 29.5055, 44.3368** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **30.5191, 29.7010, 21.8943**, and the grayscale version is **26.8412, 28.2391, 30.7523**.

A 20% lighter version of the original color is **53.8098, 58.8545, 83.3869**, and **10.6208, 11.9777, 20.1645** is the 20% darker color. If you saturate the color by 10%, you get **23.3004, 26.1408, 43.8625**, and if you desaturate by 10%, it is **30.4365, 33.2362, 44.8559**.

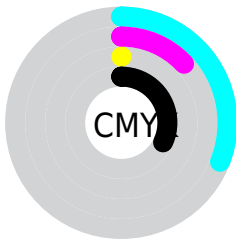
Distribution



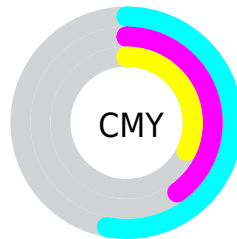
- Red (47%)
- Green (60%)
- Blue (68%)



- Red (47%)
- Yellow (55%)
- Blue (68%)



- Cyan (31%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)



- Cyan (53%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6139, 29.5055, 44.3368 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 26.6139, 29.5055, 44.3368 by changing the saturation by 10% instead.

■ 26.6139, 29.5055,
44.3368

■ 26.6139, 29.5055,
44.3368

277.9846,
299.5926, 380.1624

■ 17.4185, 19.4636,
30.5962

■ 53.6879, 58.8793,
83.0322

■ 10.6305, 12.0057,
20.0357

■ 72.2974, 78.9799,
108.8241

■ 5.8844, 6.7476,
12.2367

■ 94.7755, 103.2022,
139.4702

■ 2.8149, 3.3047,
6.7806

121.4877,
131.9305, 175.3890

■ 1.0567, 1.2928,
3.2489

152.7994,
165.5494, 216.9991

■ 0.0000, 0.1356,
1.2231

189.0758,

■ 0.0000, 0.0000,

204.4431, 264.7190

0.0000

230.6824,
248.9960, 318.9672

■ 26.6139, 29.5055,
44.3368

■ 26.6139, 29.5055,
44.3368

■ 23.3004, 26.1408,
43.8625

■ 30.4365, 33.2362,
44.8559

■ 20.4683, 23.1239,
43.4294

■ 34.7887, 37.3429,
45.4192

■ 18.0913, 20.4400,
43.0367

■ 39.6929, 41.8398,
46.0287

■ 16.1391, 18.0719,
42.6825

■ 45.1695, 46.7388,
46.6857

■ 14.5775, 15.9998,
42.3648

■ 51.2379, 52.0517,
47.3913

■ 13.3662, 14.2010,
42.0815

■ 57.9163, 57.7893,
48.1468

■ 12.5019, 12.7797,
41.8527

■ 65.2224, 63.9624,
48.9533

■ 71.6096, 69.7751,
49.7386

■ 73.3845, 73.3249,
50.3302

Harmonies

Analogous

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



24.9942, 29.5055, 40.0832



26.6139, 29.5055, 44.3368



28.6962, 29.5055, 45.1099

Triad

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



26.6139, 29.5055, 44.3368



32.2716, 29.5055, 30.3086



25.5461, 29.5055, 23.8817

Complementary

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



26.6139, 29.5055, 44.3368



30.5191, 29.7010, 21.8943

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.



27.4019, 29.5055, 21.9090



26.6139, 29.5055, 44.3368



31.3325, 29.5055, 25.2992

Square

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



26.6139, 29.5055, 44.3368



32.0344, 29.5055, 36.4769



29.5246, 29.5055, 22.3930



24.3997, 29.5055, 28.1365

Rectangle

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



26.6139, 29.5055, 44.3368



30.0782, 29.5055, 43.4625



29.5246, 29.5055, 22.3930



26.1038, 29.5055, 22.9558

Sweetspot

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



26.6148, 29.5067, 44.3375



64.6925, 69.2100, 82.5861



27.7349, 36.2067, 30.9615



14.1078, 15.1317, 18.3215



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.



26.6148, 29.5067, 44.3375



44.1951, 49.4068, 79.8440



22.7707, 21.8185, 43.0561



7.9585, 8.5164, 10.1771



9.1270, 9.3879, 30.3755



0.3059, 0.3651, 0.8623

Inverse Universe

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



29.8402, 24.6993, 32.9017



51.0789, 39.8000, 55.2911



34.9599, 38.5826, 23.3746



8.1969, 8.0920, 9.3476



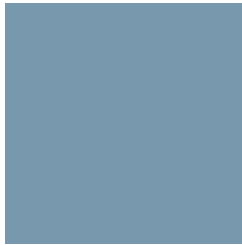
14.4705, 7.2508, 10.1232



0.4288, 0.2122, 0.4198

Previews

White Background



This preview shows how the XYZ color 26.6139, 29.5055, 44.3368 looks on a white background.

Color Contrast Check

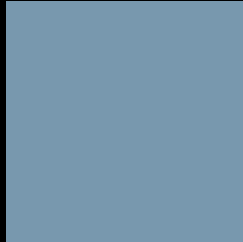
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6139, 29.5055, 44.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

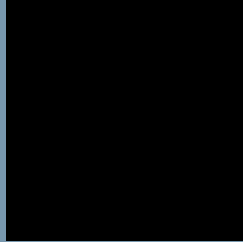
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

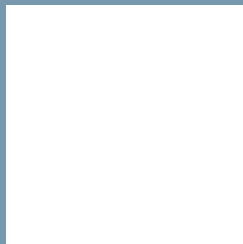
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6139, 29.5055, 44.3368

Background



This preview shows how black text looks on a background with the XYZ color 26.6139, 29.5055, 44.3368.



This preview shows how white text looks on a background with the XYZ color 26.6139, 29.5055,

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

26.6139, 29.5055, 44.3368

Protanopia

28.8623, 29.2997, 42.1644

Deuteranopia

30.0225, 29.3770, 45.1623



Tritanopia

25.7454, 29.3872, 40.3918

Trichromacy



Original Color

26.6139, 29.5055, 44.3368

Protanomaly

27.9323, 29.2710, 42.7058

Deuteranomaly

28.6528, 29.3659, 44.7155

Tritanomaly

26.1604, 29.5690, 41.8647

Monochromacy



Original Color

26.6139, 29.5055, 44.3368

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.7440, 28.8143, 35.6047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6139, 29.5055, 44.3368 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, 152, 174)` looks like.

```
.text, #text, p{  
    color:rgb(120, 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(120, 152, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 152, 174) }
```

Border

The CSS property to change the border of an element to XYZ 26.6139, 29.5055, 44.3368 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, 152, 174) }
```


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

```
.border{ border-color:rgb(120, 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(120, 152, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 152, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 152, 174);  
box-shadow:4px 4px 4px 4px rgb(120, 152,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6139, 29.5055, 44.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 152, 174) }
```

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

```
.background{ background-color: rgb(120,  
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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