

Converting Colors

XYZ(28.2901, 30.2619, 44.6095)

Have a look what the booklet for
XYZ(28.2901, 30.2619, 44.6095)
contains.

XYZ(28.3839, 30.4180, 44.4197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.3839, 30.4180,
44.4197)**

Conversions

Conversions Part 1

Format	Color
Hex	8498AE
RGB	132, 152, 174
RGB Percent	52%, 60%, 68%
CMY	0.4823, 0.4039, 0.3176
CMYK	0.24, 0.13, 0.00, 0.32
HSL	211°, 21%, 60%
HSV	211°, 24%, 68%
XYZ	28.3839, 30.4180, 44.4197
YIQ	148.5280, -18.9820, 2.6020

Conversions

Conversions Part 2

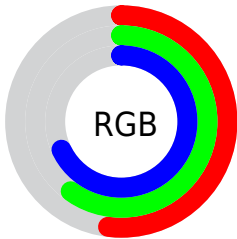
Format	Color
R _Y B	132, 146, 174
Decimal	8689838
CIE Lab	62.01, -2.06, -13.83
CIE LCh	62, 13.979, 261.535
Yxy	30.4180, 0.2750, 0.2947
Android (android.graphics.Color)	4286879918 (0xFF8498AE)
YUV	148.5280, 12.5577, -14.4951
Hunter-Lab	55.1525, -4.6530, -9.1453

Details

The XYZ color **28.3839, 30.4180, 44.4197** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1763, 33.7758, 26.6012**, and the grayscale version is **28.3244, 29.7995, 32.4517**.

A 20% lighter version of the original color is **56.4639, 60.2389, 82.7800**, and **11.6462, 12.5063, 20.2125** is the 20% darker color. If you saturate the color by 10%, you get **24.4639, 26.2857, 43.8292**, and if you desaturate by 10%, it is **32.8732, 35.0140, 45.0707**.

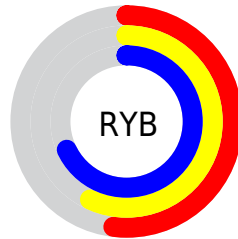
Distribution



Red (52%)

Green (60%)

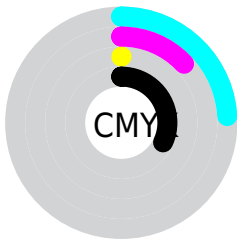
Blue (68%)



Red (52%)

Yellow (57%)

Blue (68%)

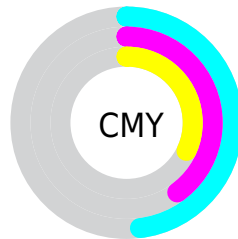


Cyan (24%)

Magenta (13%)

Yellow (0%)

Black (32%)



Cyan (48%)

Magenta (40%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3839, 30.4180, 44.4197 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 28.3839, 30.4180, 44.4197 by changing the saturation by 10% instead.

■ 28.3839, 30.4180,
44.4197

■ 28.3839, 30.4180,
44.4197

286.3437,
303.8480, 380.5096

■ 18.7572, 20.1561,
30.6610

■ 56.5011, 60.3226,
83.1581

■ 11.5979, 12.5085,
20.0845

■ 75.7224, 80.7341,
108.9749

■ 6.5408, 7.0910,
12.2718

■ 98.8725, 105.2975,
139.6481

■ 3.2204, 3.5191,
6.8043

126.3168,
134.3973, 175.5963

■ 1.2713, 1.4084,
3.2634

158.4208,
168.4178, 217.2380

■ 0.1616, 0.2229,
1.2307

195.5497,

■ 0.0000, 0.0000,

207.7436, 264.9917

0.0039

238.0689,
252.7588, 319.2761

■ 0.0000, 0.0000,
0.0000

■ 28.3839, 30.4180,
44.4197

■ 28.3839, 30.4180,
44.4197

■ 24.4639, 26.2857,
43.8292

■ 32.8732, 35.0140,
45.0707

■ 21.0855, 22.5969,
43.2952

■ 37.9526, 40.0859,
45.7820

■ 18.2226, 19.3348,
42.8165

■ 43.6448, 45.6496,
46.5559

■ 15.8455, 16.4802,
42.3908

■ 49.9708, 51.7194,
47.3940

■ 13.9213, 14.0120,
42.0158

■ 56.9504, 58.3088,
48.2981

■ 12.4126, 11.9063,
41.6889

■ 64.6024, 65.4309,
49.2694

■ 11.2746, 10.1355,
41.4071

■ 72.9451, 73.0980,
50.3096

■ 10.7230, 9.2219,
41.2598

■ 75.7815, 78.1188,
51.1293

■ 78.3101, 83.1762,
51.9722

Harmonies

Analogous

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



26.7261, 30.4180, 41.8812



28.3839, 30.4180, 44.4197



30.2552, 30.4180, 43.6839

Triad

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



28.3839, 30.4180, 44.4197



32.3967, 30.4180, 29.4723



26.1791, 30.4180, 27.1031

Complementary

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



28.3839, 30.4180, 44.4197



33.1763, 33.7758, 26.6012

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.



27.6079, 30.4180, 24.4133



28.3839, 30.4180, 44.4197



31.2127, 30.4180, 25.6747

Square

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



28.3839, 30.4180, 44.4197



32.6264, 30.4180, 34.6634



29.4454, 30.4180, 23.9202



25.4897, 30.4180, 31.6232

Rectangle

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



28.3839, 30.4180, 44.4197



31.3687, 30.4180, 41.4666



29.4454, 30.4180, 23.9202



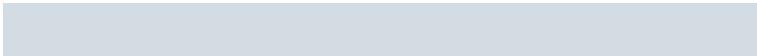
26.5859, 30.4180, 25.9761

Sweetspot

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



28.3848, 30.4192, 44.4204



65.9753, 69.8713, 82.6461



30.4601, 37.5013, 36.0747



14.5427, 15.4093, 18.3521



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.



28.3848, 30.4192, 44.4204



47.5381, 51.0439, 79.9838



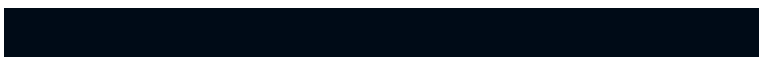
25.5174, 24.5213, 43.4331



7.8817, 8.3628, 10.1515



7.8361, 6.8061, 29.9452



0.2730, 0.2994, 0.8514

Inverse Universe

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



31.3751, 27.7689, 33.4134



53.9987, 45.6865, 56.1197



36.6015, 40.8571, 27.7875



8.1581, 8.0765, 9.1433



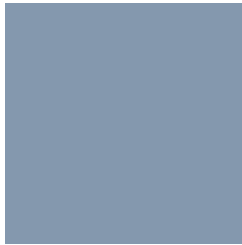
13.8189, 6.9901, 6.6920



0.4122, 0.2056, 0.3324

Previews

White Background



This preview shows how the XYZ color 28.3839, 30.4180, 44.4197 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 28.3839, 30.4180, 44.4197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

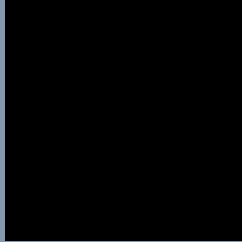
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

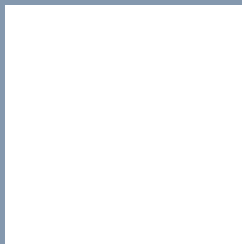
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3839, 30.4180, 44.4197

Background



This preview shows how black text looks on a background with the XYZ color 28.3839, 30.4180, 44.4197.



This preview shows how white text looks on a background with the XYZ color 28.3839, 30.4180,

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

28.3839, 30.4180, 44.4197

Protanopia

29.8904, 30.2694, 43.2969

Deuteranopia

30.9656, 30.3283, 44.7793



Tritanopia

27.4801, 30.2815, 40.4729

Trichromacy



Original Color

28.3839, 30.4180, 44.4197

Protanomaly

29.2748, 30.1747, 43.8165

Deuteranomaly

30.0048, 30.2947, 44.8235

Tritanomaly

27.9127, 30.4723, 41.9467

Monochromacy



Original Color

28.3839, 30.4180, 44.4197

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.4056, 30.1210, 36.6645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3839, 30.4180, 44.4197 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(132, 152, 174)` looks like.

```
.text, #text, p{  
    color:rgb(132, 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(132, 152, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 152, 174) }
```

Border

The CSS property to change the border of an element to XYZ 28.3839, 30.4180, 44.4197 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(132, 152, 174) }
```


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

```
.border{ border-color:rgb(132, 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(132, 152, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 152, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 152, 174);  
box-shadow:4px 4px 4px 4px rgb(132, 152,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3839, 30.4180, 44.4197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 152, 174) }
```

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

```
.background{ background-color: rgb(132,  
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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