

Converting Colors

XYZ(17.3287, 23.7397, 31.1357)

Have a look what the booklet for
XYZ(17.3287, 23.7397, 31.1357)
contains.

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Color

**XYZ(17.3875, 23.8439,
31.2897)**

Conversions

Conversions Part 1

Format	Color
Hex	399393
RGB	57, 147, 147
RGB Percent	22%, 58%, 58%
CMY	0.7765, 0.4235, 0.4235
CMYK	0.61, 0.00, 0.00, 0.42
HSL	180°, 44%, 40%
HSV	180°, 61%, 58%
XYZ	17.3875, 23.8439, 31.2897
YIQ	120.0900, -53.6400, -19.0800

Conversions

Conversions Part 2

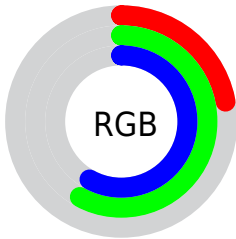
Format	Color
RYB	57, 102, 147
Decimal	3773331
CIELab	55.93, -26.21, -7.96
CIELCh	56, 27.393, 196.896
Yxy	23.8439, 0.2398, 0.3288
Android (android.graphics.Color)	4281963411 (0xFF399393)
YUV	120.0900, 13.2666, -55.3299
Hunter-Lab	48.8302, -21.8925, -3.8110

Details

The XYZ color **17.3875, 23.8439, 31.2897** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.2350, 9.4254, 4.9406**, and the grayscale version is **17.8532, 18.7830, 20.4547**.

A 20% lighter version of the original color is **38.4995, 49.6352, 62.8097**, and **6.3405, 9.2288, 12.7564** is the 20% darker color. If you saturate the color by 10%, you get **16.6679, 23.4735, 31.2565**, and if you desaturate by 10%, it is **18.3511, 24.3412, 31.3354**.

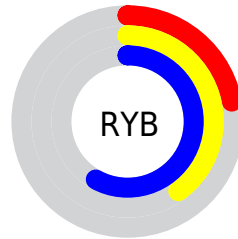
Distribution



Red (22%)

Green (58%)

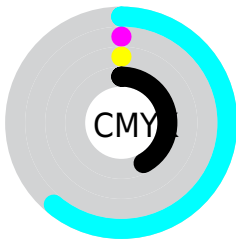
Blue (58%)



Red (22%)

Yellow (40%)

Blue (58%)

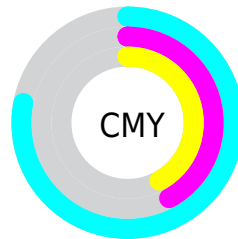


Cyan (61%)

Magenta (0%)

Yellow (0%)

Black (42%)



Cyan (78%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3875, 23.8439, 31.2897 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 17.3875, 23.8439, 31.2897 by changing the saturation by 10% instead.

■ 17.3875, 23.8439,
31.2897

■ 17.3875, 23.8439,
31.2897

230.5086,
272.0303, 322.2632

■ 10.6082, 15.2179,
20.5592

■ 38.5292, 49.7753,
62.7808

■ 5.8694, 8.9724,
12.6141

■ 53.6222, 67.8496,
84.3785

■ 2.8057, 4.7232,
7.0358

■ 72.2172, 89.8419,
110.4357

■ 1.0519, 2.0858,
3.4057

■ 94.6794, 116.1369,
141.3710

■ 0.0000, 0.6566,
1.3053

■ 121.3743,
147.1188, 177.6028

■ 0.0000, 0.0000,
0.0662

152.6673,

■ 0.0000, 0.0000,

183.1721, 219.5498

0.0000

188.9236,
224.6811, 267.6304

■ 17.3875, 23.8439,
31.2897

■ 17.3875, 23.8439,
31.2897

■ 16.6679, 23.4735,
31.2565

■ 18.3511, 24.3412,
31.3354

■ 16.1687, 23.2161,
31.2330

■ 19.5758, 24.9725,
31.3928

■ 15.8652, 23.0596,
31.2187

■ 21.0793, 25.7476,
31.4633

■ 15.7006, 22.9748,
31.2109

■ 22.8773, 26.6745,
31.5475

■ 24.9843, 27.7607,
31.6462

■ 27.4140, 29.0133,
31.7600

■ 30.1791, 30.4387,
31.8895

■ 33.2916, 32.0433,
32.0353

■ 36.7631, 33.8329,
32.1979

Harmonies

Analogous

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



17.3014, 23.8439, 22.2537



17.3875, 23.8439, 31.2897



18.8011, 23.8439, 40.6568

Triad

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



17.3875, 23.8439, 31.2897



27.3376, 23.8439, 39.5809



24.0523, 23.8439, 12.5526

Complementary

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



17.3875, 23.8439, 31.2897



14.2350, 9.4254, 4.9406

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.



27.0204, 23.8439, 15.3182



17.3875, 23.8439, 31.2897



29.0313, 23.8439, 30.0608

Square

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



17.3875, 23.8439, 31.2897



24.4539, 23.8439, 46.1466



28.9101, 23.8439, 21.2761



20.9615, 23.8439, 12.7350

Rectangle

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



17.3875, 23.8439, 31.2897



20.3866, 23.8439, 45.2179



28.9101, 23.8439, 21.2761



25.1027, 23.8439, 13.1355

Sweetspot

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



17.3882, 23.8448, 31.2903



41.9873, 48.2938, 56.5429



12.9471, 22.0784, 7.4506



9.3658, 10.9115, 12.8973



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.3882, 23.8448, 31.2903



29.5142, 41.8637, 55.9583



11.8547, 12.7775, 29.4463



5.9641, 6.5622, 7.4220



13.6111, 19.9172, 27.0572



0.1666, 0.2438, 0.3312

Inverse Universe

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



14.2350, 9.4254, 4.9406



23.3724, 13.7773, 4.6338



17.3773, 15.7099, 5.9878



5.8008, 5.8154, 6.0572



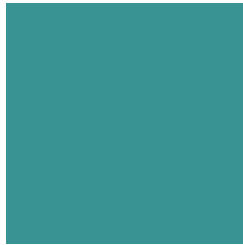
10.4317, 5.3777, 0.4883



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 17.3875, 23.8439, 31.2897 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 17.3875, 23.8439, 31.2897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

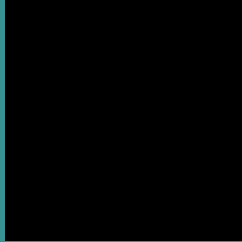
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3875, 23.8439, 31.2897

Background



This preview shows how black text looks on a background with the XYZ color 17.3875, 23.8439, 31.2897.

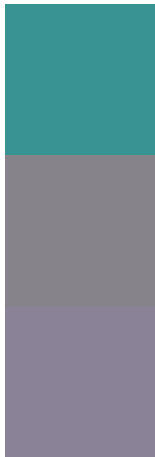


This preview shows how white text looks on a background with the XYZ color 17.3875, 23.8439,

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

17.3875, 23.8439, 31.2897

Protanopia

22.6702, 23.4058, 27.3677

Deuteranopia

24.0498, 23.6029, 32.5664



Tritanopia

18.1978, 23.7093, 35.5155

Trichromacy



Original Color

17.3875, 23.8439, 31.2897

Protanomaly

19.6972, 22.8786, 28.5772

Deuteranomaly

20.6159, 23.0615, 32.2189

Tritanomaly

17.8921, 23.8183, 33.7914

Monochromacy



Original Color

17.3875, 23.8439, 31.2897

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

16.9417, 20.1184, 24.1094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3875, 23.8439, 31.2897 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(57, 147, 147)` looks like.

```
.text, #text, p{  
    color:rgb(57, 147, 147)  
}
```

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(57, 147, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 147, 147) }
```

Border

The CSS property to change the border of an element to XYZ 17.3875, 23.8439, 31.2897 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(57, 147, 147) }
```


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

```
.border{ border-color:rgb(57, 147, 147) }
```

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

Here you see how a box with a 4 pixel rgb(57, 147, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 147, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 147, 147);  
box-shadow:4px 4px 4px 4px rgb(57, 147,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3875, 23.8439, 31.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 147, 147) }
```

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

```
.background{ background-color: rgb(57, 147,  
147) }
```

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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