

Converting Colors

XYZ(17.3847, 23.2373, 27.6137)

Have a look what the booklet for
XYZ(17.3847, 23.2373, 27.6137)
contains.

XYZ(17.3847, 23.2373, 27.6137)	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(17.3847, 23.2373,
27.6137)**

Conversions

Conversions Part 1

Format	Color
Hex	4A908A
RGB	74, 144, 138
RGB Percent	29%, 56%, 54%
CMY	0.7098, 0.4353, 0.4588
CMYK	0.49, 0.00, 0.04, 0.44
HSL	175°, 32%, 43%
HSV	175°, 49%, 56%
XYZ	17.3847, 23.2373, 27.6137
YIQ	122.3860, -39.7940, -16.7060

Conversions

Conversions Part 2

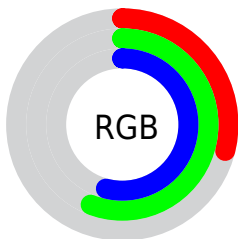
Format	Color
RYB	74, 111, 144
Decimal	4886666
CIELab	55.32, -23.57, -3.64
CIElCh	55, 23.853, 188.770
Yxy	23.2373, 0.2548, 0.3405
Android (android.graphics.Color)	4283076746 (0xFF4A908A)
YUV	122.3860, 7.6977, -42.4345
Hunter-Lab	48.2051, -19.9846, -0.2200

Details

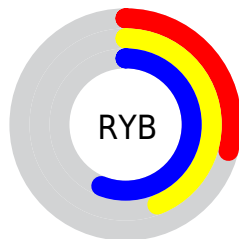
The XYZ color **17.3847, 23.2373, 27.6137** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.3991, 11.4067, 8.9803**, and the grayscale version is **18.6103, 19.5795, 21.3221**.

A 20% lighter version of the original color is **38.5001, 48.7389, 56.6686**, and **5.8418, 8.6188, 10.5882** is the 20% darker color. If you saturate the color by 10%, you get **16.3118, 22.6950, 27.1000**, and if you desaturate by 10%, it is **18.7138, 23.9127, 28.1457**.

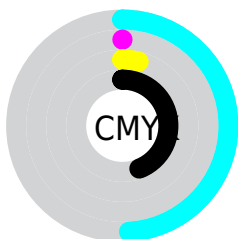
Distribution



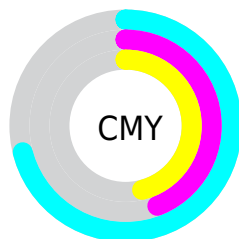
- Red (29%)
- Green (56%)
- Blue (54%)



- Red (29%)
- Yellow (44%)
- Blue (56%)



- Cyan (49%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (71%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3847, 23.2373, 27.6137 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 17.3847, 23.2373, 27.6137 by changing the saturation by 10% instead.

■ 17.3847, 23.2373,
27.6137

■ 17.3847, 23.2373,
27.6137

230.4929,
268.9415, 304.4700

■ 10.6062, 14.7688,
17.7982

■ 38.5244, 48.7827,
56.8828

■ 5.8680, 8.6573,
10.6372

■ 53.6162, 66.6284,
77.1734

■ 2.8049, 4.5183,
5.7124

■ 72.2099, 88.3686,
101.7927

■ 1.0514, 1.9675,
2.6050

■ 94.6708, 114.3878,
131.1594

■ 0.0000, 0.5885,
0.8951

■ 121.3641,
145.0702, 165.6919

■ 0.0000, 0.0000,
0.0000

152.6554,

180.8004, 205.8089

188.9098,
221.9627, 251.9287

■ 17.3847, 23.2373,
27.6137

■ 17.3847, 23.2373,
27.6137

■ 16.3118, 22.6950,
27.1000

■ 18.7138, 23.9127,
28.1457

■ 15.4754, 22.2740,
26.6021

■ 20.3130, 24.7265,
28.6952

■ 14.8566, 21.9650,
26.1197

■ 22.1974, 25.6874,
29.2634

■ 14.4322, 21.7562,
25.6517

■ 24.3808, 26.8022,
29.8509

■ 14.1518, 21.6214,
25.1956

■ 26.8757, 28.0775,
30.4584

■ 14.1150, 21.6038,
25.1327

■ 29.6941, 29.5195,
31.0864

■ 32.8474, 31.1340,
31.7354

■ 36.3463, 32.9265,
32.4061

■ 40.2011, 34.9024,
33.0989

Harmonies

Analogous

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



17.6321, 23.2373, 20.3353



17.3847, 23.2373, 27.6137



18.3154, 23.2373, 35.6877

Triad

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



17.3847, 23.2373, 27.6137



25.4649, 23.2373, 38.6058



24.0009, 23.2373, 13.9082

Complementary

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



17.3847, 23.2373, 27.6137



15.3991, 11.4067, 8.9803

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.



26.3424, 23.2373, 17.1555



17.3847, 23.2373, 27.6137



27.2339, 23.2373, 31.0168

Square

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



17.3847, 23.2373, 27.6137



22.8796, 23.2373, 42.8226



27.5674, 23.2373, 23.1221



21.3116, 23.2373, 13.3606

Rectangle

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



17.3847, 23.2373, 27.6137



19.5265, 23.2373, 40.0968



27.5674, 23.2373, 23.1221



24.8608, 23.2373, 14.6834

Sweetspot

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



17.3854, 23.2382, 27.6142



40.3620, 45.9237, 51.9503



14.6033, 22.1911, 9.9927



9.0953, 10.4493, 11.8689



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.3854, 23.2382, 27.6142



28.6726, 39.9786, 47.7447



14.1041, 15.9610, 28.7239



5.5406, 6.1085, 6.8126



12.2954, 18.8140, 21.9076



0.1214, 0.1814, 0.2295

Inverse Universe

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



15.3991, 11.4067, 8.9803



24.7619, 16.6280, 11.0157



17.4898, 15.9272, 8.6315



5.4265, 5.4311, 5.7439



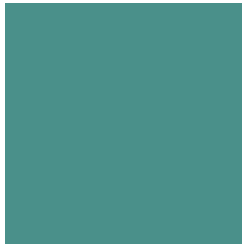
10.0797, 5.1889, 0.8050



0.0994, 0.0508, 0.0234

Previews

White Background



This preview shows how the XYZ color 17.3847, 23.2373, 27.6137 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 17.3847, 23.2373, 27.6137 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

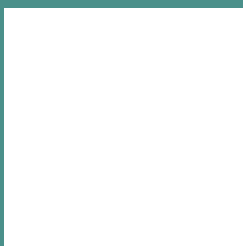
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3847, 23.2373, 27.6137

Background



This preview shows how black text looks on a background with the XYZ color 17.3847, 23.2373, 27.6137.



This preview shows how white text looks on a background with the XYZ color 17.3847, 23.2373,

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

17.3847, 23.2373, 27.6137

Protanopia

21.9771, 22.9126, 24.3834

Deuteranopia

23.3421, 22.9369, 28.3963



Tritanopia

18.6472, 23.3082, 33.6531

Trichromacy



Original Color

17.3847, 23.2373, 27.6137

Protanomaly

19.7199, 22.7465, 25.5415

Deuteranomaly

20.4612, 22.6566, 28.1057

Tritanomaly

18.2283, 23.3608, 31.5653

Monochromacy



Original Color

17.3847, 23.2373, 27.6137

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.7046, 20.5270, 23.4511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3847, 23.2373, 27.6137 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(74, 144, 138)` looks like.

```
.text, #text, p{  
    color:rgb(74, 144, 138)  
}
```

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(74, 144, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 144, 138) }
```

Border

The CSS property to change the border of an element to XYZ 17.3847, 23.2373, 27.6137 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(74, 144, 138) }
```


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

```
.border{ border-color:rgb(74, 144, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 144, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 144, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 144, 138);  
box-shadow:4px 4px 4px 4px rgb(74, 144,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3847, 23.2373, 27.6137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 144, 138) }
```

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

```
.background{ background-color: rgb(74, 144,  
138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor