

Converting Colors

XYZ(17.6754, 23.2202, 43.2888)

Have a look what the booklet for
XYZ(17.6754, 23.2202, 43.2888)
contains.

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Color

**XYZ(17.6682, 23.2679,
43.0951)**

Conversions

Conversions Part 1

Format	Color
Hex	0091AD
RGB	0, 145, 173
RGB Percent	0%, 57%, 68%
CMY	0.9999, 0.4314, 0.3216
CMYK	1.00, 0.16, 0.00, 0.32
HSL	190°, 100%, 34%
HSV	190°, 100%, 68%
XYZ	17.6682, 23.2679, 43.0951
YIQ	104.8370, -95.4080, -22.0320

Conversions

Conversions Part 2

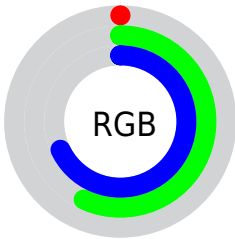
Format	Color
RYB	0, 79, 173
Decimal	37293
CIELab	55.35, -22.17, -23.83
CIElCh	55, 32.551, 227.061
Yxy	23.2679, 0.2103, 0.2769
Android (android.graphics.Color)	4278227373 (0xFF0091AD)
YUV	104.8370, 33.6044, -91.9420
Hunter-Lab	48.2368, -19.0334, -19.2043

Details

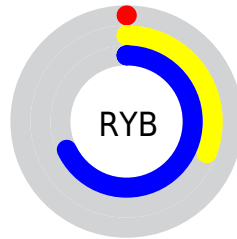
The XYZ color **17.6682, 23.2679, 43.0951** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **17.6499, 9.7163, 0.9461**, and the grayscale version is **13.3165, 14.0099, 15.2568**.

A 20% lighter version of the original color is **39.0805, 48.8311, 81.4943**, and **7.4539, 9.3859, 19.5080** is the 20% darker color. If you saturate the color by 10%, you get **17.6678, 23.2670, 43.0954**, and if you desaturate by 10%, it is **18.3389, 24.2572, 43.2512**.

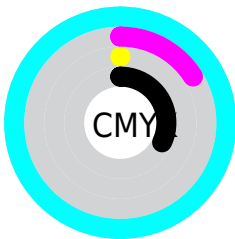
Distribution



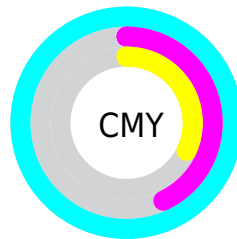
- Red (0%)
- Green (57%)
- Blue (68%)



- Red (0%)
- Yellow (31%)
- Blue (68%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (43%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6682, 23.2679, 43.0951 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 17.6682, 23.2679, 43.0951 by changing the saturation by 10% instead.

■ 17.6682, 23.2679,
43.0951

■ 17.6682, 23.2679,
43.0951

■ 232.0761,
269.0980, 374.9354

■ 10.8103, 14.7914,
29.6278

■ 39.0057, 48.8328,
81.1422

■ 6.0058, 8.6731,
19.3066

■ 54.2159, 66.6901,
106.5592

■ 2.8893, 4.5286,
11.7130

■ 72.9410, 88.4431,
136.7964

■ 1.0955, 1.9734,
6.4284

■ 95.5462, 114.4763,
172.2724

■ 0.0213, 0.5920,
3.0343

■ 122.3970,
145.1739, 213.4057

■ 0.0000, 0.0000,
1.1122

■ 153.8587,

■ 0.0000, 0.0000,

180.9205, 260.6150

0.0000

190.2966,
222.1004, 314.3187

■ 17.6682, 23.2679,
43.0951

■ 17.6682, 23.2679,
43.0951

■ 17.6678, 23.2670,
43.0954

■ 18.3389, 24.2572,
43.2512

■ 19.2264, 25.3736,
43.4199

■ 20.4129, 26.6600,
43.6056

■ 21.9362, 28.1361,
43.8103

■ 23.8286, 29.8185,
44.0353

■ 26.1182, 31.7219,
44.2820

■ 28.8304, 33.8595,
44.5516

■ 31.9887, 36.2434,
44.8453

■ 35.6146, 38.8849,
45.1641

Harmonies

Analogous

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



16.0583, 23.2679, 31.7056



17.6682, 23.2679, 43.0951



20.5800, 23.2679, 50.4261

Triad

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



17.6682, 23.2679, 43.0951



29.6901, 23.2679, 30.1101



20.1184, 23.2679, 10.5615

Complementary

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



17.6682, 23.2679, 43.0951



17.6499, 9.7163, 0.9461

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.



23.7254, 23.2679, 10.3539



17.6682, 23.2679, 43.0951



29.5312, 23.2679, 19.8802

Square

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



17.6682, 23.2679, 43.0951



27.6652, 23.2679, 41.6536



27.2526, 23.2679, 13.2791



17.3624, 23.2679, 13.9554

Rectangle

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



17.6682, 23.2679, 43.0951



22.9900, 23.2679, 50.9949



27.2526, 23.2679, 13.2791



21.2633, 23.2679, 10.1580

Sweetspot

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



17.6690, 23.2687, 43.0957



51.3500, 60.4215, 79.7619



15.1303, 29.9622, 5.9617



10.7132, 12.7831, 17.2904



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



17.6690, 23.2687, 43.0957



31.5083, 41.4024, 77.1366



9.1892, 6.3092, 40.2691



8.1243, 8.8480, 10.2323



13.0145, 17.1629, 31.6713



0.3910, 0.5354, 0.8907

Inverse Universe

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



22.3451, 10.9294, 27.7207



39.9499, 19.5454, 49.2869



23.0792, 20.5748, 2.7558



8.2806, 8.1255, 9.7882



16.4328, 8.0357, 20.4562



0.4718, 0.2294, 0.6461

Previews

White Background



This preview shows how the XYZ color 17.6682, 23.2679, 43.0951 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 17.6682, 23.2679, 43.0951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

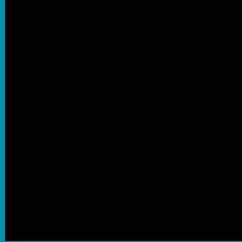
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.6682, 23.2679, 43.0951

Background



This preview shows how black text looks on a background with the XYZ color 17.6682, 23.2679, 43.0951.

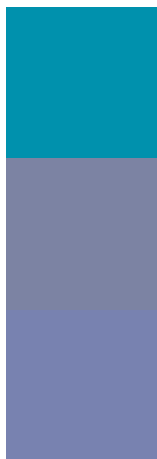


This preview shows how white text looks on a background with the XYZ color 17.6682, 23.2679,

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

17.6682, 23.2679, 43.0951

Protanopia

23.0393, 23.1620, 37.9067

Deuteranopia

23.5648, 23.0929, 44.2897



Tritanopia

16.6053, 23.3361, 35.9769

Trichromacy



Original Color

17.6682, 23.2679, 43.0951

Protanomaly

19.0037, 22.0606, 39.8157

Deuteranomaly

19.3823, 21.9596, 43.7745

Tritanomaly

16.8897, 23.2021, 38.2386

Monochromacy



Original Color

17.6682, 23.2679, 43.0951

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.0605, 16.2379, 23.5650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6682, 23.2679, 43.0951 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(0, 145, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 173)  
}
```

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(0, 145, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 173) }
```

Border

The CSS property to change the border of an element to XYZ 17.6682, 23.2679, 43.0951 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(0, 145, 173) }
```


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

```
.border{ border-color:rgb(0, 145, 173) }
```

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

Here you see how a box with a 4 pixel rgb(0, 145, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 145,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6682, 23.2679, 43.0951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 173) }
```

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

```
.background{ background-color: rgb(0, 145,  
173) }
```

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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