

Converting Colors

XYZ(17.6616, 22.3044, 46.0221)

Have a look what the booklet for
XYZ(17.6616, 22.3044, 46.0221)
contains.

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Color

**XYZ(17.6616, 22.3044,
46.0221)**

Conversions

Conversions Part 1

Format	Color
Hex	008DB3
RGB	0, 141, 179
RGB Percent	0%, 55%, 70%
CMY	0.9998, 0.4471, 0.2980
CMYK	1.00, 0.21, 0.00, 0.30
HSL	193°, 100%, 35%
HSV	193°, 100%, 70%
XYZ	17.6616, 22.3044, 46.0221
YIQ	103.1730, -96.2340, -18.0740

Conversions

Conversions Part 2

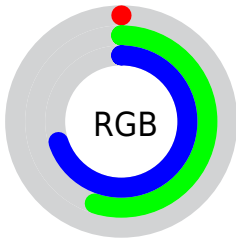
Format	Color
RYB	0, 79, 179
Decimal	36275
CIELab	54.35, -17.91, -28.80
CIELCh	54, 33.916, 238.134
Yxy	22.3044, 0.2054, 0.2594
Android (android.graphics.Color)	4278226355 (0xFF008DB3)
YUV	103.1730, 37.3827, -90.4827
Hunter-Lab	47.2275, -15.8948, -24.7174

Details

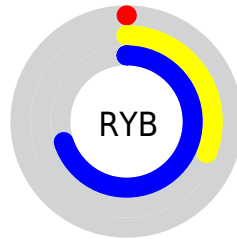
The XYZ color **17.6616, 22.3044, 46.0221** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **19.2852, 10.9727, 1.1027**, and the grayscale version is **12.8637, 13.5336, 14.7381**.

A 20% lighter version of the original color is **39.0247, 47.3555, 85.6810**, and **7.5070, 8.9885, 21.0780** is the 20% darker color. If you saturate the color by 10%, you get **17.6606, 22.3024, 46.0222**, and if you desaturate by 10%, it is **18.4803, 23.5732, 46.2243**.

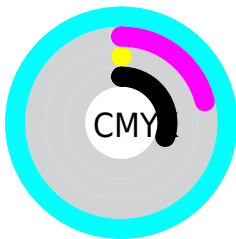
Distribution



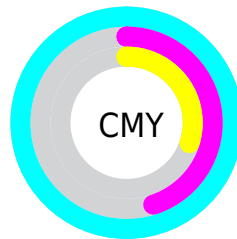
- Red (0%)
- Green (55%)
- Blue (70%)



- Red (0%)
- Yellow (31%)
- Blue (70%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (45%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6616, 22.3044, 46.0221 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 17.6616, 22.3044, 46.0221 by changing the saturation by 10% instead.

■ 17.6616, 22.3044,
46.0221

■ 17.6616, 22.3044,
46.0221

■ 232.0393,
264.1318, 387.1777

■ 10.8055, 14.0807,
31.9145

■ 38.9945, 47.2486,
85.5867

■ 6.0025, 8.1768,
21.0319

■ 54.2020, 64.7379,
111.8808

■ 2.8873, 4.2083,
12.9559

■ 72.9240, 86.0846,
143.0740

■ 1.0944, 1.7908,
7.2678

■ 95.5259, 111.6730,
179.5851

■ 0.0205, 0.4814,
3.5492

■ 122.3730,
141.8875, 221.8324

■ 0.0000, 0.0000,
1.3814

■ 153.8307,

■ 0.0000, 0.0000,

177.1126, 270.2346

0.1272

190.2644,
217.7325, 325.2102

■ 0.0000, 0.0000,
0.0000

■ 17.6616, 22.3044,
46.0221

■ 17.6616, 22.3044,
46.0221

■ 17.6606, 22.3024,
46.0222

■ 18.4803, 23.5732,
46.2243

■ 19.5435, 24.9964,
46.4430

■ 20.9381, 26.6196,
46.6828

■ 22.7054, 28.4644,
46.9457

■ 24.8805, 30.5489,
47.2334

■ 27.4942, 32.8896,
47.5475

■ 30.5743, 35.5008,
47.8891

■ 34.1464, 38.3961,
48.2597

■ 38.2339, 41.5877,
48.6603

Harmonies

Analogous

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



15.5250, 22.3044, 35.2145



17.6616, 22.3044, 46.0221



20.9689, 22.3044, 50.8683

Triad

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



17.6616, 22.3044, 46.0221



29.1338, 22.3044, 24.9551



18.0192, 22.3044, 10.3861

Complementary

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



17.6616, 22.3044, 46.0221



19.2852, 10.9727, 1.1027

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.



21.4321, 22.3044, 9.0844



17.6616, 22.3044, 46.0221



28.1118, 22.3044, 15.8902

Square

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



17.6616, 22.3044, 46.0221



27.8331, 22.3044, 36.7069



25.1812, 22.3044, 10.7672



15.7140, 22.3044, 15.0400

Rectangle

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



17.6616, 22.3044, 46.0221



23.4917, 22.3044, 49.2469



25.1812, 22.3044, 10.7672



19.0618, 22.3044, 9.6141

Sweetspot

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



17.6624, 22.3052, 46.0227



54.4435, 63.3202, 85.7337



16.4367, 32.3671, 7.0369



11.5337, 13.5858, 18.9367



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



17.6624, 22.3052, 46.0227



31.4603, 39.6045, 82.3675



9.4439, 5.8681, 43.2832



8.5865, 9.3191, 10.8525



12.5281, 15.8566, 32.5373



0.4326, 0.5757, 1.0366

Inverse Universe

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



23.3989, 11.5078, 26.1879



41.8191, 20.5738, 46.4457



25.9641, 24.3304, 3.3290



8.7712, 8.6152, 10.2936



16.5583, 8.1409, 18.6316



0.5404, 0.2639, 0.6883

Previews

White Background



This preview shows how the XYZ color 17.6616, 22.3044, 46.0221 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 17.6616, 22.3044, 46.0221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

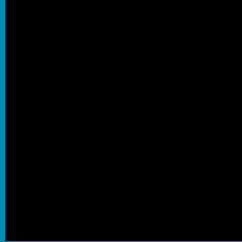
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.6616, 22.3044, 46.0221

Background



This preview shows how black text looks on a background with the XYZ color 17.6616, 22.3044, 46.0221.

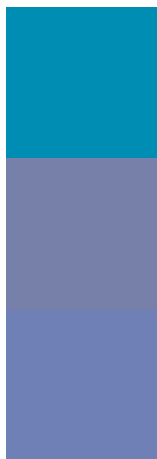


This preview shows how white text looks on a background with the XYZ color 17.6616, 22.3044,

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

17.6616, 22.3044, 46.0221

Protanopia

22.3518, 22.1545, 40.6343

Deuteranopia

22.7182, 22.1952, 47.3427



Tritanopia

15.8897, 22.3131, 34.4797

Trichromacy



Original Color

17.6616, 22.3044, 46.0221

Protanomaly

18.8320, 21.2880, 42.6516

Deuteranomaly

19.3266, 21.4508, 46.8379

Tritanomaly

16.5233, 22.3253, 38.5603

Monochromacy



Original Color

17.6616, 22.3044, 46.0221

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.7048, 15.5195, 23.7987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6616, 22.3044, 46.0221 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, 141, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 141, 179)  
}
```

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, 141, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 179) }
```

Border

The CSS property to change the border of an element to XYZ 17.6616, 22.3044, 46.0221 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, 141, 179) }
```


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

```
.border{ border-color:rgb(0, 141, 179) }
```

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

Here you see how a box with a 4 pixel rgb(0, 141, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 141, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 141,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6616, 22.3044, 46.0221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 141, 179) }
```

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

```
.background{ background-color: rgb(0, 141,  
179) }
```

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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