

Converting Colors

XYZ(17.2426, 24.9441, 35.1595)

Have a look what the booklet for
XYZ(17.2426, 24.9441, 35.1595)
contains.

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Color

**XYZ(17.2290, 24.8568,
35.3423)**

Conversions

Conversions Part 1

Format	Color
Hex	00989C
RGB	0, 152, 156
RGB Percent	0%, 60%, 61%
CMY	0.9999, 0.4039, 0.3882
CMYK	1.00, 0.03, 0.00, 0.39
HSL	182°, 100%, 31%
HSV	182°, 100%, 61%
XYZ	17.2290, 24.8568, 35.3423
YIQ	107.0080, -91.8760, -30.9800

Conversions

Conversions Part 2

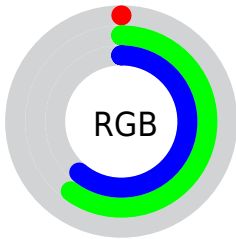
Format	Color
RYB	0, 77, 156
Decimal	39068
CIELab	56.94, -31.41, -11.70
CIELCh	57, 33.513, 200.429
Yxy	24.8568, 0.2225, 0.3210
Android (android.graphics.Color)	4278229148 (0xFF00989C)
YUV	107.0080, 24.1531, -93.8460
Hunter-Lab	49.8566, -25.5646, -7.1298

Details

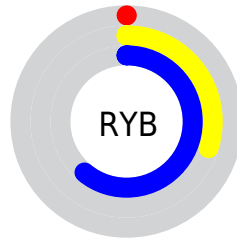
The XYZ color **17.2290, 24.8568, 35.3423** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **13.7543, 7.1554, 0.6569**, and the grayscale version is **13.9331, 14.6587, 15.9633**.

A 20% lighter version of the original color is **38.2601, 51.5029, 68.8973**, and **7.1070, 10.1343, 14.9461** is the 20% darker color. If you saturate the color by 10%, you get **17.2294, 24.8573, 35.3429**, and if you desaturate by 10%, it is **17.5018, 25.0945, 35.3743**.

Distribution



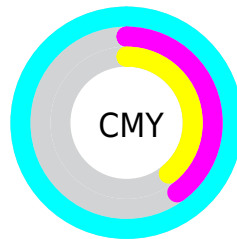
- Red (0%)
- Green (60%)
- Blue (61%)



- Red (0%)
- Yellow (30%)
- Blue (61%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2290, 24.8568, 35.3423 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 17.2290, 24.8568, 35.3423 by changing the saturation by 10% instead.

■ 17.2290, 24.8568,
35.3423

■ 17.2290, 24.8568,
35.3423

■ 229.6192,
277.1240, 341.0267

■ 10.4942, 15.9704,
23.6410

■ 38.2596, 51.4248,
69.1733

■ 5.7926, 9.5032,
14.8578

■ 53.2860, 69.8752,
92.1401

■ 2.7588, 5.0708,
8.5741

■ 71.8071, 92.2824,
119.6991

■ 1.0276, 2.2889,
4.3715

■ 94.1882, 119.0308,
152.2689

■ 0.0000, 0.7678,
1.8313

■ 120.7946,
150.5048, 190.2680

■ 0.0000, 0.0000,
0.4485

■ 151.9916,

■ 0.0000, 0.0000,

187.0887, 234.1150

0.0000

188.1447,
229.1670, 284.2284

■ 17.2290, 24.8568,
35.3423

■ 17.2290, 24.8568,
35.3423

■ 17.2294, 24.8573,
35.3429

■ 17.5018, 25.0945,
35.3743

■ 17.9316, 25.4129,
35.4131

■ 18.5894, 25.8492,
35.4626

■ 19.5043, 26.4183,
35.5243

■ 20.7007, 27.1330,
35.5991

■ 22.2007, 28.0044,
35.6883

■ 24.0237, 29.0427,
35.7926

■ 26.1878, 30.2571,
35.9130

■ 28.7097, 31.6564,
36.0501

Harmonies

Analogous

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



16.9309, 24.8568, 23.6242



17.2290, 24.8568, 35.3423



19.1319, 24.8568, 47.4061

Triad

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



17.2290, 24.8568, 35.3423



29.9415, 24.8568, 43.3220



24.9043, 24.8568, 10.8435

Complementary

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



17.2290, 24.8568, 35.3423



13.7543, 7.1554, 0.6569

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.



28.7730, 24.8568, 13.5768



17.2290, 24.8568, 35.3423



31.8867, 24.8568, 30.8243

Square

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



17.2290, 24.8568, 35.3423



26.3623, 24.8568, 52.8284



31.4369, 24.8568, 20.1926



21.0852, 24.8568, 11.4297

Rectangle

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



17.2290, 24.8568, 35.3423



21.1840, 24.8568, 53.0018



31.4369, 24.8568, 20.1926



26.2480, 24.8568, 11.3674

Sweetspot

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



17.2298, 24.8577, 35.3429



43.4140, 52.6250, 64.9962



11.9033, 23.7832, 4.0386



9.2562, 11.4115, 14.2851



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.2298, 24.8577, 35.3429



31.2696, 45.1007, 64.1840



8.5454, 7.4889, 32.4481



6.8073, 7.4803, 8.4917



14.1955, 20.4826, 29.1126



0.2579, 0.3744, 0.5219

Inverse Universe

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



19.3785, 9.3356, 30.4873



35.1839, 16.9502, 55.3102



16.6244, 12.8955, 1.6136



6.8968, 6.7516, 8.3077



15.9635, 7.6900, 25.1223



0.2875, 0.1383, 0.4600

Previews

White Background



This preview shows how the XYZ color 17.2290, 24.8568, 35.3423 looks on a white background.

Color Contrast Check

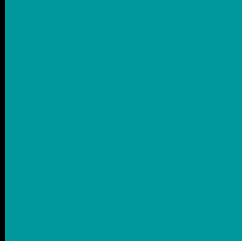
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2290, 24.8568, 35.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

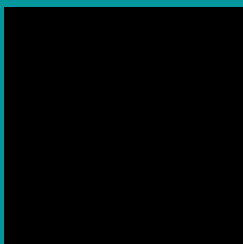
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

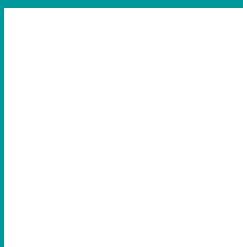
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2290, 24.8568, 35.3423

Background



This preview shows how black text looks on a background with the XYZ color 17.2290, 24.8568, 35.3423.

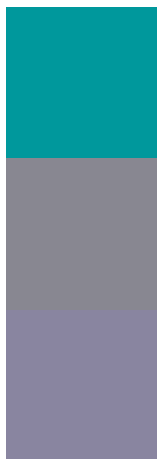


This preview shows how white text looks on a background with the XYZ color 17.2290, 24.8568,

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

17.2290, 24.8568, 35.3423

Protanopia

23.9282, 24.6065, 30.2764

Deuteranopia

25.0492, 24.6315, 36.6918



Tritanopia

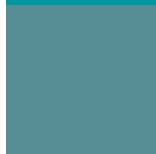
18.0308, 24.9597, 38.5177

Trichromacy



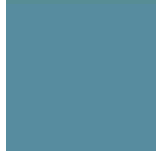
Original Color

17.2290, 24.8568, 35.3423



Protanomaly

18.8802, 23.2459, 31.9256



Deuteranomaly

19.5666, 23.2856, 36.2642



Tritanomaly

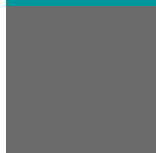
17.6088, 24.7728, 37.1113

Monochromacy



Original Color

17.2290, 24.8568, 35.3423



Achromatopsia

13.9749, 14.7027, 16.0113



Achromatomaly

13.1685, 16.8755, 21.9653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2290, 24.8568, 35.3423 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, 152, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 156)  
}
```

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, 152, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 156) }
```

Border

The CSS property to change the border of an element to XYZ 17.2290, 24.8568, 35.3423 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, 152, 156) }
```


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

```
.border{ border-color:rgb(0, 152, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2290, 24.8568, 35.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 156) }
```

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

```
.background{ background-color: rgb(0, 152,  
156) }
```

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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