Converting Colors

XYZ(15.1089, 21.0182, 33.3976)

Have a look what the booklet for XYZ(15.1089, 21.0182, 33.3976) contains.

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Color

XYZ(15.1279, 21.0561, 33.4039)

Conversions

Conversions Part 1

Format	Color
Hex	008C99
RGB	0, 140, 153
RGB Percent	0%, 55%, 60%
CMY	0.9999, 0.4510, 0.4000
CMYK	1.00, 0.08, 0.00, 0.40
HSL	185°, 100%, 30%
HSV	185°, 100%, 60%
XYZ	15.1279, 21.0561, 33.4039
YIQ	99.6220, -87.6130, -25.6370

Conversions

Conversions Part 2

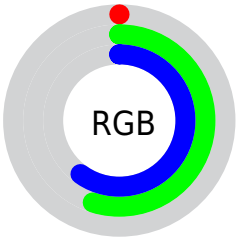
Format	Color
RYB	0, 73, 153
Decimal	35993
CIELab	53.01, -26.49, -15.90
CIELCh	53, 30.901, 210.977
Yxy	21.0561, 0.2174, 0.3026
Android (android.graphics.Color)	4278226073 (0xFF008C99)
YUV	99.6220, 26.3154, -87.3685
Hunter-Lab	45.8869, -21.4546, -11.0400

Details

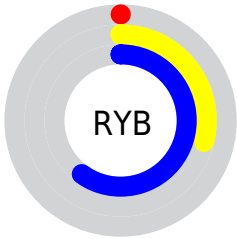
The XYZ color 15.1279, 21.0561, 33.4039 is a dark color, and the websafe version is hex 339999. A complement of this color would be 13.2815, 7.0610, 0.6637, and the grayscale version is 11.9706, 12.5940, 13.7149.

A 20% lighter version of the original color is 34.5788, 45.1633, 65.9264, and 5.9707, 8.1041, 13.8199 is the 20% darker color. If you saturate the color by 10%, you get 15.1279, 21.0560, 33.4043, and if you desaturate by 10%, it is 15.5217, 21.5432, 33.4776.

Distribution

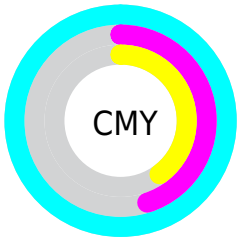


- Red (0%)
- Green (55%)
- Blue (60%)



- Red (0%)
- Yellow (29%)
- Blue (60%)

- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1279, 21.0561, 33.4039 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 15.1279, 21.0561, 33.4039 by changing the saturation by 10% instead.

15.1279, 21.0561, 33.4039

15.1279, 21.0561, 33.4039

217.5121, 257.5765, 332.1535

8.9961, 13.1650, 22.1624

34.6472, 45.1809, 66.1289

4.7957, 7.5423, 13.7768

48.7654, 62.1834, 88.4494

2.1614, 3.8035, 7.8286

66.2765, 82.9918, 115.3000

0.7223, 1.5643, 3.8993

87.5458, 107.9905, 147.0993

0.0000, 0.3333, 1.5703

112.9386, 137.5639, 184.2657

0.0000, 0.0000, 0.2695

142.8204,

0.0000, 0.0000,

172.0965, 227.2179

0.0000

177.5565, 211.9725, 276.3743

15.1279, 21.0561, 33.4039

15.1279, 21.0560, 33.4043

15.1279, 21.0561, 33.4039

15.5217, 21.5432, 33.4776

16.0666, 22.1112, 33.5585

16.8318, 22.7961, 33.6503

17.8448, 23.6120, 33.7545

19.1290, 24.5713, 33.8719

20.7054, 25.6844, 34.0037

22.5925, 26.9612, 34.1507

24.8075, 28.4104, 34.3137

27.3664, 30.0404, 34.4934

Harmonies

Analogous

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

14.4024, 21.0561, 23.2325

15.1279, 21.0561, 33.4039

17.1372, 21.0561, 42.3613

Triad

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

15.1279, 21.0561, 33.4039

25.9774, 21.0561, 32.7302

19.9070, 21.0561, 9.3030

Complementary

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

15.1279, 21.0561, 33.4039

13.2815, 7.0610, 0.6637

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.

23.1942, 21.0561, 10.5857

15.1279, 21.0561, 33.4039

26.9194, 21.0561, 22.6232

Square

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

15.1279, 21.0561, 33.4039

23.3981, 21.0561, 41.9042

25.8510, 21.0561, 14.9070

16.9716, 21.0561, 10.7688

Rectangle

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

15.1279, 21.0561, 33.4039

19.0509, 21.0561, 45.4795

25.8510, 21.0561, 14.9070

21.0073, 21.0561, 9.4232

Sweetspot

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

15.1286, 21.0569, 33.4044

40.2370, 48.1354, 61.1423

11.4629, 22.8114, 4.1721

8.5854, 10.4280, 13.4778

72.9764, 76.7769, 83.6100

11.9732, 12.5967, 13.7178

Same Dimension

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

15.1286, 21.0569, 33.4044

27.0248, 37.5741, 59.8001

7.5705, 5.9407, 30.8850

6.3397, 6.9367, 7.9338

12.5147, 17.4260, 27.6117

0.1985, 0.2833, 0.4166

Inverse Universe

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

17.8711, 8.6665, 25.5426

31.9700, 15.5058, 45.5630

16.7314, 13.9609, 1.8137

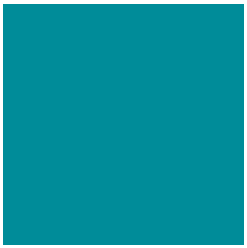
6.4386, 6.3146, 7.6896

14.7756, 7.1645, 21.1410

0.2267, 0.1094, 0.3464

Previews

White Background

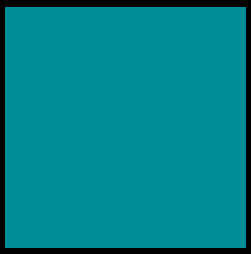


This preview shows how the XYZ color 15.1279, 21.0561, 33.4039 looks on a white background.

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



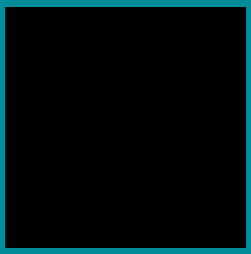
This preview shows how the XYZ color 15.1279, 21.0561, 33.4039 looks on a black background.

Color Contrast Check

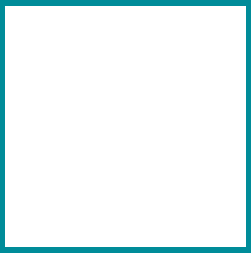
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 15.1279, 21.0561, 33.4039 Background



This preview shows how black text looks on a background with the XYZ color 15.1279, 21.0561, 33.4039.



This preview shows how white text looks on a background with the XYZ color 15.1279, 21.0561,

33.4039.

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
15.1279, 21.0561, 33.4039

Protanopia
20.4599, 20.8614, 28.9349

Deuteranopia
21.3371, 20.8112, 34.7907

Tritanopia
15.0456, 21.0232, 32.9707

Trichromacy

Original Color
15.1279, 21.0561, 33.4039

Protanomaly
16.3910, 19.6915, 30.5407

Deuteranomaly
16.9929, 19.7205, 34.3633

Tritanomaly
15.0456, 21.0232, 32.9707

Monochromacy

Original Color
15.1279, 21.0561, 33.4039

Achromatopsia
12.1130, 12.7438, 13.8780

Achromatomaly
11.5749, 14.6834, 19.6769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1279, 21.0561, 33.4039 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, 140, 153) looks like.

```
.text, #text, p{
    color:rgb(0, 140, 153)
}
```

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, 140, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 140, 153) }
```

Border

The CSS property to change the border of an element to XYZ 15.1279, 21.0561, 33.4039 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, 140, 153) }
```

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

```
.border{ border-color:rgb(0, 140, 153) }
```

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

Here you see how a box with a 4 pixel rgb(0, 140, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 140, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 140, 153); box-shadow:4px 4px 4px 4px rgb(0, 140, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1279, 21.0561, 33.4039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(0, 140, 153) }
```

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

```
.background{ background-color:rgb(0, 140,
153) }
```

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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