

Converting Colors

XYZ(21.5916, 32.6693, 39.6104)

Have a look what the booklet for
XYZ(21.5916, 32.6693, 39.6104)
contains.

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Color

**XYZ(21.5544, 32.5315,
39.7935)**

Conversions

Conversions Part 1

Format	Color
Hex	00ADA3
RGB	0, 173, 163
RGB Percent	0%, 68%, 64%
CMY	0.9999, 0.3216, 0.3608
CMYK	1.00, 0.00, 0.06, 0.32
HSL	177°, 100%, 34%
HSV	177°, 100%, 68%
XYZ	21.5544, 32.5315, 39.7935
YIQ	120.1330, -99.8980, -39.7860

Conversions

Conversions Part 2

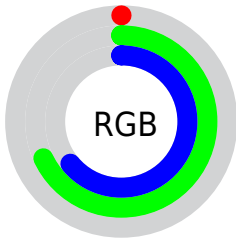
Format	Color
RYB	0, 89, 173
Decimal	44451
CIELab	63.78, -38.97, -5.44
CIELCh	64, 39.348, 187.949
Yxy	32.5315, 0.2296, 0.3465
Android (android.graphics.Color)	4278234531 (0xFF00ADA3)
YUV	120.1330, 21.1334, -105.3566
Hunter-Lab	57.0364, -32.3574, -1.4403

Details

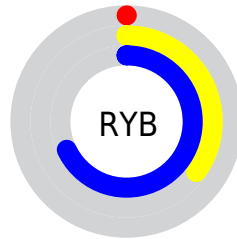
The XYZ color **21.5544, 32.5315, 39.7935** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **17.2894, 8.9070, 1.0959**, and the grayscale version is **17.8552, 18.7851, 20.4570**.

A 20% lighter version of the original color is **45.4981, 63.5874, 76.2053**, and **9.5857, 14.5806, 17.3481** is the 20% darker color. If you saturate the color by 10%, you get **21.5549, 32.5325, 39.7936**, and if you desaturate by 10%, it is **21.8821, 32.6908, 40.2793**.

Distribution



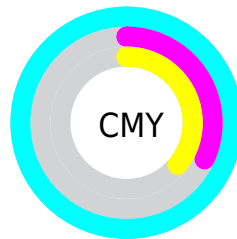
- Red (0%)
- Green (68%)
- Blue (64%)



- Red (0%)
- Yellow (35%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5544, 32.5315, 39.7935 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 21.5544, 32.5315, 39.7935 by changing the saturation by 10% instead.

■ 21.5544, 32.5315,
39.7935

■ 21.5544, 32.5315,
39.7935

■ 252.8867,
313.5333, 360.7786

■ 13.6446, 21.7678,
27.0650

■ 45.4928, 63.6434,
76.0826

■ 7.9539, 13.6864,
17.3892

■ 62.2521, 84.7604,
100.4803

■ 4.1171, 7.9029,
10.3475

■ 82.6919, 110.0972,
129.6048

■ 1.7686, 4.0329,
5.5213

■ 107.1776,
140.0383, 163.8747

■ 0.4986, 1.6920,
2.4922

■ 136.0746,
174.9681, 203.7085

■ 0.0000, 0.4184,
0.8360

■ 169.7482,

■ 0.0000, 0.0000,

215.2709, 249.5247

0.0000

208.5638,
261.3312, 301.7419

■ 21.5544, 32.5315,
39.7935

■ 21.5544, 32.5315,
39.7935

■ 21.5549, 32.5325,
39.7936

■ 21.8821, 32.6908,
40.2793

■ 22.4163, 32.9557,
40.7778

■ 23.2395, 33.3695,
41.2935

■ 24.3896, 33.9517,
41.8283

■ 25.8985, 34.7189,
42.3835

■ 27.7945, 35.6855,
42.9606

■ 30.1029, 36.8646,
43.5608

■ 32.8470, 38.2683,
44.1851

■ 36.0483, 39.9075,
44.8346

Harmonies

Analogous

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



22.0890, 32.5315, 25.1907



21.5544, 32.5315, 39.7935



23.2829, 32.5315, 57.5961

Triad

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



21.5544, 32.5315, 39.7935



37.9175, 32.5315, 65.2056



35.0787, 32.5315, 14.0568

Complementary

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



21.5544, 32.5315, 39.7935



17.2894, 8.9070, 1.0959

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.



40.0680, 32.5315, 19.8234



21.5544, 32.5315, 39.7935



41.8381, 32.5315, 48.1032

Square

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



21.5544, 32.5315, 39.7935



32.4114, 32.5315, 74.8620



42.6686, 32.5315, 31.3816



29.4755, 32.5315, 13.0393

Rectangle

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



21.5544, 32.5315, 39.7935



25.6227, 32.5315, 67.9375



42.6686, 32.5315, 31.3816



36.9018, 32.5315, 15.3987

Sweetspot

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



21.5554, 32.5327, 39.7943



53.6692, 65.8970, 77.9539



15.0897, 29.9632, 4.9889



11.2816, 14.1257, 16.8452



82.5889, 86.8899, 94.6231



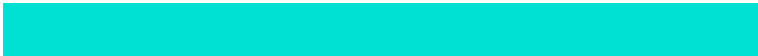
15.4596, 16.2647, 17.7123

Same Dimension

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



21.5554, 32.5327, 39.7943



38.5746, 58.2511, 71.1185



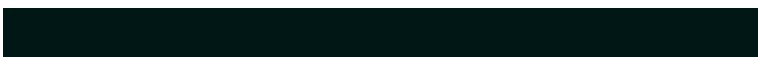
11.9153, 11.7612, 41.1787



8.2160, 9.0640, 10.1626



15.8421, 23.9021, 29.2719



0.4466, 0.6673, 0.8454

Inverse Universe

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



17.2894, 8.9070, 1.0959



30.9371, 15.9403, 1.8261



19.7491, 13.9142, 1.6455



8.0233, 8.0226, 8.4336



12.7083, 6.5459, 0.8435



0.3595, 0.1845, 0.0548

Previews

White Background



This preview shows how the XYZ color 21.5544, 32.5315, 39.7935 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 21.5544, 32.5315, 39.7935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

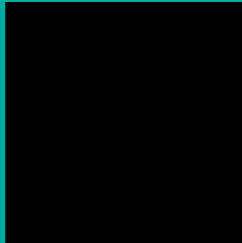
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 21.5544, 32.5315, 39.7935

Background



This preview shows how black text looks on a background with the XYZ color 21.5544, 32.5315, 39.7935.

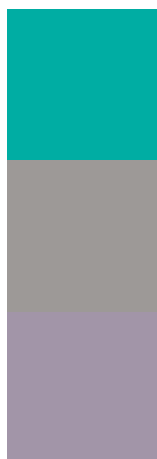


This preview shows how white text looks on a background with the XYZ color 21.5544, 32.5315,

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

21.5544, 32.5315, 39.7935

Protanopia

30.8818, 32.1849, 33.8628

Deuteranopia

32.7156, 32.0034, 41.4988



Tritanopia

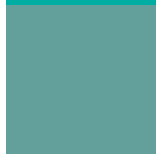
23.8632, 32.6415, 50.3901

Trichromacy



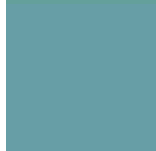
Original Color

21.5544, 32.5315, 39.7935



Protanomaly

23.7427, 30.2175, 35.5915



Deuteranomaly

24.7033, 30.0905, 40.5824



Tritanomaly

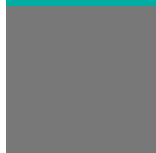
22.8003, 32.4671, 46.1394

Monochromacy



Original Color

21.5544, 32.5315, 39.7935



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

16.6570, 21.7793, 26.6185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5544, 32.5315, 39.7935 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, 173, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 163)  
}
```

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, 173, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 163) }
```

Border

The CSS property to change the border of an element to XYZ 21.5544, 32.5315, 39.7935 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, 173, 163) }
```


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

```
.border{ border-color:rgb(0, 173, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 173, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5544, 32.5315, 39.7935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 163) }
```

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

```
.background{ background-color: rgb(0, 173,  
163) }
```

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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