

Converting Colors

XYZ(24.1482, 35.5525, 43.1387)

Have a look what the booklet for
XYZ(24.1482, 35.5525, 43.1387)
contains.

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Color

**XYZ(24.1566, 35.5559,
43.1259)**

Conversions

Conversions Part 1

Format	Color
Hex	28B3A9
RGB	40, 179, 169
RGB Percent	16%, 70%, 66%
CMY	0.8431, 0.2980, 0.3372
CMYK	0.78, 0.00, 0.06, 0.30
HSL	176°, 63%, 43%
HSV	176°, 78%, 70%
XYZ	24.1566, 35.5559, 43.1259
YIQ	136.2990, -79.6340, -32.5780

Conversions

Conversions Part 2

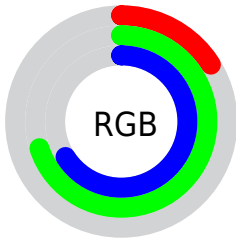
Format	Color
RYB	40, 112, 179
Decimal	2667433
CIELab	66.18, -37.51, -5.19
CIElCh	66, 37.863, 187.878
Yxy	35.5559, 0.2349, 0.3457
Android (android.graphics.Color)	4280857513 (0xFF28B3A9)
YUV	136.2990, 16.1216, -84.4542
Hunter-Lab	59.6288, -32.0370, -1.1408

Details

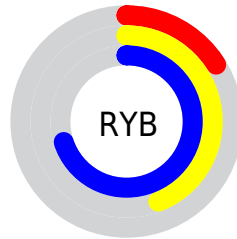
The XYZ color **24.1566, 35.5559, 43.1259** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **19.9261, 11.3326, 4.1560**, and the grayscale version is **23.4781, 24.7008, 26.8992**.

A 20% lighter version of the original color is **49.5933, 68.1135, 81.0544**, and **10.5445, 15.9516, 19.3528** is the 20% darker color. If you saturate the color by 10%, you get **23.4951, 35.2296, 42.4676**, and if you desaturate by 10%, it is **25.1434, 36.0514, 43.8073**.

Distribution



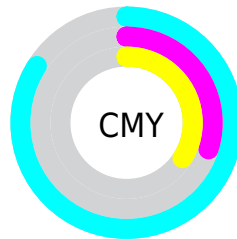
- Red (16%)
- Green (70%)
- Blue (66%)



- Red (16%)
- Yellow (44%)
- Blue (70%)



- Cyan (78%)
- Magenta (0%)
- Yellow (6%)
- Black (30%)



- Cyan (84%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1566, 35.5559, 43.1259 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 24.1566, 35.5559, 43.1259 by changing the saturation by 10% instead.

■ 24.1566, 35.5559,
43.1259

■ 24.1566, 35.5559,
43.1259

266.0370,
327.0153, 375.0657

■ 15.5752, 24.0914,
29.6518

■ 49.7384, 68.3461,
81.1892

■ 9.3130, 15.4014,
19.3246

■ 67.4696, 90.4405,
106.6155

■ 5.0046, 9.1016,
11.7259

■ 88.9814, 116.8471,
136.8629

■ 2.2848, 4.8075,
6.4371

■ 114.6391,
147.9501, 172.3499

■ 0.7869, 2.1348,
3.0396

■ 144.8082,
184.1341, 213.4952

■ 0.0000, 0.6841,
1.1149

179.8540,

■ 0.0000, 0.0000,

225.7833, 260.7172

0.0000

220.1418,
273.2823, 314.4345

■ 24.1566, 35.5559,
43.1259

■ 24.1566, 35.5559,
43.1259

■ 23.4951, 35.2296,
42.4676

■ 25.1434, 36.0514,
43.8073

■ 23.0954, 35.0373,
41.8269

■ 26.4919, 36.7324,
44.5110

■ 23.0148, 34.9990,
41.6777

■ 28.2369, 37.6176,
45.2396

■ 30.4082, 38.7225,
45.9944

■ 33.0330, 40.0611,
46.7767

■ 36.1360, 41.6460,
47.5877

■ 39.7402, 43.4891,
48.4285

■ 43.8671, 45.6016,
49.3000

■ 48.5370, 47.9939,
50.2034

Harmonies

Analogous

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



24.7169, 35.5559, 28.1633



24.1566, 35.5559, 43.1259



25.9424, 35.5559, 61.0674

Triad

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



24.1566, 35.5559, 43.1259



40.8947, 35.5559, 68.7425



38.0423, 35.5559, 16.4930

Complementary

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



24.1566, 35.5559, 43.1259



19.9261, 11.3326, 4.1560

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.



43.0907, 35.5559, 22.6142



24.1566, 35.5559, 43.1259



44.8609, 35.5559, 51.6177

Square

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



24.1566, 35.5559, 43.1259



35.3020, 35.5559, 78.3136



45.7062, 35.5559, 34.6144



32.3311, 35.5559, 15.3908

Rectangle

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



24.1566, 35.5559, 43.1259



28.3538, 35.5559, 71.3970



45.7062, 35.5559, 34.6144



39.8908, 35.5559, 17.9292

Sweetspot

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



24.1576, 35.5572, 43.1267



61.4196, 72.8999, 84.3853



17.8991, 33.1139, 7.4565



13.1843, 15.9349, 18.5814



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.



24.1576, 35.5572, 43.1267



41.5507, 62.8386, 75.2588



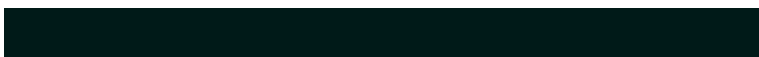
15.8606, 17.4024, 45.1724



8.7157, 9.6208, 10.7627



16.2730, 24.7352, 29.5042



0.5198, 0.7814, 0.9694

Inverse Universe

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



19.9261, 11.3326, 4.1560



33.7415, 17.6451, 2.9778



23.3347, 18.4583, 4.3412



8.5203, 8.5149, 8.9726



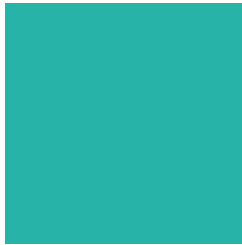
13.1973, 6.7965, 0.9332



0.4234, 0.2171, 0.0723

Previews

White Background



This preview shows how the XYZ color 24.1566, 35.5559, 43.1259 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 24.1566, 35.5559, 43.1259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

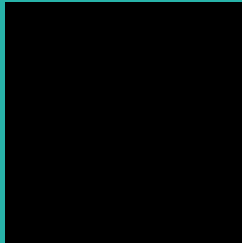
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.1566, 35.5559, 43.1259

Background



This preview shows how black text looks on a background with the XYZ color 24.1566, 35.5559, 43.1259.

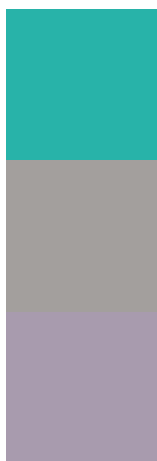


This preview shows how white text looks on a background with the XYZ color 24.1566, 35.5559,

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

24.1566, 35.5559, 43.1259

Protanopia

33.5882, 35.0171, 36.8870

Deuteranopia

35.5098, 34.8235, 44.8944



Tritanopia

26.3951, 35.5806, 54.1918

Trichromacy



Original Color

24.1566, 35.5559, 43.1259

Protanomaly

27.5405, 33.6972, 38.7709

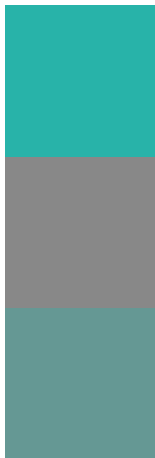
Deuteranomaly

28.6070, 33.5944, 44.0063

Tritanomaly

25.4810, 35.4998, 49.7651

Monochromacy



Original Color

24.1566, 35.5559, 43.1259

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

21.9404, 27.3613, 32.1419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1566, 35.5559, 43.1259 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(40, 179, 169)` looks like.

```
.text, #text, p{  
    color:rgb(40, 179, 169)  
}
```

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(40, 179, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 179, 169) }
```

Border

The CSS property to change the border of an element to XYZ 24.1566, 35.5559, 43.1259 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(40, 179, 169) }
```


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

```
.border{ border-color:rgb(40, 179, 169) }
```

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

Here you see how a box with a 4 pixel rgb(40, 179, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 179, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 179, 169);  
box-shadow:4px 4px 4px 4px rgb(40, 179,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1566, 35.5559, 43.1259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 179, 169) }
```

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

```
.background{ background-color: rgb(40, 179,  
169) }
```

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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