

Converting Colors

XYZ(28.3319, 43.1762, 40.0983)

Have a look what the booklet for
XYZ(28.3319, 43.1762, 40.0983)
contains.

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Color

**XYZ(28.3319, 43.1762,
40.0983)**

Conversions

Conversions Part 1

Format	Color
Hex	42C4A0
RGB	66, 196, 160
RGB Percent	26%, 77%, 63%
CMY	0.7412, 0.2314, 0.3725
CMYK	0.66, 0.00, 0.18, 0.23
HSL	163°, 52%, 51%
HSV	163°, 66%, 77%
XYZ	28.3319, 43.1762, 40.0983
YIQ	153.0260, -65.9240, -38.7560

Conversions

Conversions Part 2

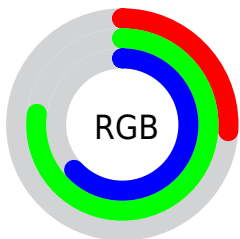
Format	Color
RYB	66, 141, 196
Decimal	4375712
CIELab	71.67, -43.90, 7.81
CIElCh	72, 44.593, 169.919
Yxy	43.1762, 0.2539, 0.3869
Android (android.graphics.Color)	4282565792 (0xFF42C4A0)
YUV	153.0260, 3.4382, -76.3218
Hunter-Lab	65.7086, -38.0253, 9.8146

Details

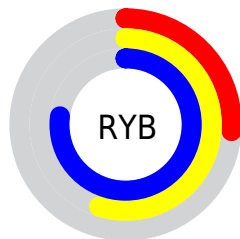
The XYZ color **28.3319, 43.1762, 40.0983** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **27.1129, 16.5927, 14.3459**, and the grayscale version is **30.2969, 31.8747, 34.7115**.

A 20% lighter version of the original color is **56.2931, 79.7461, 76.7155**, and **12.2852, 20.1539, 17.7106** is the 20% darker color. If you saturate the color by 10%, you get **26.7663, 42.4239, 37.6008**, and if you desaturate by 10%, it is **30.3729, 44.1734, 42.7282**.

Distribution



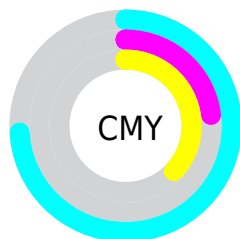
- Red (26%)
- Green (77%)
- Blue (63%)



- Red (26%)
- Yellow (55%)
- Blue (77%)



- Cyan (66%)
- Magenta (0%)
- Yellow (18%)
- Black (23%)





- Cyan (74%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3319, 43.1762, 40.0983 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 28.3319, 43.1762, 40.0983 by changing the saturation by 10% instead.

 28.3319, 43.1762,
40.0983


 28.3319, 43.1762,
40.0983


286.1009,
359.3359, 362.1021


 18.7177, 30.0234,
27.3008


 56.4188, 79.9767,
76.5519


 11.5693, 19.8563,
17.5648


 75.6223, 104.3931,
101.0451


 6.5212, 12.2907,
10.4718


 98.7530, 133.3330,
130.2740

 3.2082, 6.9420,
5.6032

 126.1761,
167.1805, 164.6570

 1.2648, 3.4258,
2.5405

 158.2571,
206.3202, 204.6129

 0.1566, 1.3579,
0.8615

195.3614,

 0.0000, 0.1854,

251.1364, 250.5599

0.0000

237.8542,
302.0135, 302.9169

■ 0.0000, 0.0000,
0.0000

■ 28.3319, 43.1762,
40.0983

■ 28.3319, 43.1762,
40.0983

■ 26.7663, 42.4239,
37.6008

■ 30.3729, 44.1734,
42.7282

■ 25.6239, 41.8863,
35.2290

■ 32.9277, 45.4319,
45.4908

■ 24.8433, 41.5328,
32.9797

■ 36.0347, 46.9727,
48.3902

■ 24.6023, 41.4260,
32.1813

■ 39.7274, 48.8129,
51.4292

■ 44.0368, 50.9685,
54.6105

■ 48.9916, 53.4544,
57.9367

■ 54.6187, 56.2842,
61.4104

■ 60.9433, 59.4710,
65.0338

■ 67.9895, 63.0272,
68.8093

Harmonies

Analogous

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



30.8956, 43.1762, 24.9890



28.3319, 43.1762, 40.0983



28.8386, 43.1762, 62.6583

Triad

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



28.3319, 43.1762, 40.0983



46.1886, 43.1762, 97.9803



51.1202, 43.1762, 21.8226

Complementary

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



28.3319, 43.1762, 40.0983



27.1129, 16.5927, 14.3459

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.



56.2674, 43.1762, 34.2139



28.3319, 43.1762, 40.0983



53.1869, 43.1762, 79.2108

Square

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



28.3319, 43.1762, 40.0983



38.5469, 43.1762, 101.0243



57.0669, 43.1762, 54.6769



43.6335, 43.1762, 16.7941

Rectangle

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



28.3319, 43.1762, 40.0983



30.8737, 43.1762, 79.0828



57.0669, 43.1762, 54.6769



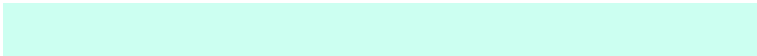
53.2184, 43.1762, 25.0484

Sweetspot

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



28.3331, 43.1779, 40.0993



76.5205, 90.7008, 96.5960



26.2992, 42.7487, 12.0203



15.9045, 19.1766, 20.3240



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



28.3331, 43.1779, 40.0993



47.3766, 76.3243, 65.9666



26.1839, 33.0892, 57.2333



10.2457, 11.3793, 12.2971



15.8455, 26.6322, 20.8771



0.7126, 1.1619, 1.0492

Inverse Universe

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



27.1129, 16.5927, 14.3459



45.1038, 24.6997, 16.4373



27.7673, 20.1656, 7.5839



10.1853, 10.1227, 11.0662



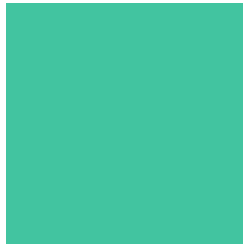
15.0914, 7.7263, 3.1274



0.6823, 0.3459, 0.2944

Previews

White Background



This preview shows how the XYZ color 28.3319, 43.1762, 40.0983 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 28.3319, 43.1762, 40.0983 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

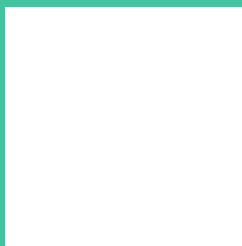
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3319, 43.1762, 40.0983

Background



This preview shows how black text looks on a background with the XYZ color 28.3319, 43.1762, 40.0983.

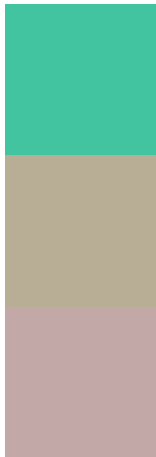


This preview shows how white text looks on a background with the XYZ color 28.3319, 43.1762,

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

28.3319, 43.1762, 40.0983

Protanopia

40.0893, 42.5093, 34.5260

Deuteranopia

43.1337, 42.2278, 41.9538



Tritanopia

33.1792, 43.1660, 64.3407

Trichromacy



Original Color

28.3319, 43.1762, 40.0983



Protanomaly

33.2929, 41.3313, 36.3600



Deuteranomaly

34.6539, 40.7242, 41.1561



Tritanomaly

31.1768, 42.9931, 54.7994

Monochromacy



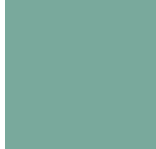
Original Color

28.3319, 43.1762, 40.0983



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

28.0739, 34.8412, 36.6979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3319, 43.1762, 40.0983 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(66, 196, 160)` looks like.

```
.text, #text, p{  
    color:rgb(66, 196, 160)  
}
```

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(66, 196, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 196, 160) }
```

Border

The CSS property to change the border of an element to XYZ 28.3319, 43.1762, 40.0983 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(66, 196, 160) }
```


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

```
.border{ border-color:rgb(66, 196, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 196, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 196, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 196, 160);  
box-shadow:4px 4px 4px 4px rgb(66, 196,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3319, 43.1762, 40.0983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 196, 160) }
```

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

```
.background{ background-color: rgb(66, 196,  
160) }
```

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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