

Converting Colors

XYZ(27.5799, 40.1709, 54.4443)

Have a look what the booklet for
XYZ(27.5799, 40.1709, 54.4443)
contains.

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Color

**XYZ(27.5799, 40.1709,
54.4443)**

Conversions

Conversions Part 1

Format	Color
Hex	0FBDBD
RGB	15, 189, 189
RGB Percent	6%, 74%, 74%
CMY	0.9411, 0.2588, 0.2588
CMYK	0.92, 0.00, 0.00, 0.26
HSL	180°, 85%, 40%
HSV	180°, 92%, 74%
XYZ	27.5799, 40.1709, 54.4443
YIQ	136.9740, -103.7040, -36.8880

Conversions

Conversions Part 2

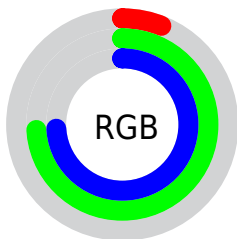
Format	Color
RYB	15, 102, 189
Decimal	1031613
CIELab	69.59, -37.91, -11.17
CIELCh	70, 39.519, 196.422
Yxy	40.1709, 0.2257, 0.3287
Android (android.graphics.Color)	4279221693 (0xFF0FBDBD)
YUV	136.9740, 25.6488, -106.9712
Hunter-Lab	63.3805, -33.2420, -6.5642

Details

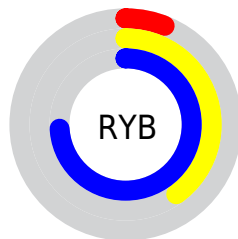
The XYZ color **27.5799, 40.1709, 54.4443** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **21.2446, 11.1962, 1.4944**, and the grayscale version is **23.7059, 24.9404, 27.1601**.

A 20% lighter version of the original color is **55.2629, 75.5074, 98.0479**, and **13.1079, 19.1055, 26.2894** is the 20% darker color. If you saturate the color by 10%, you get **27.3837, 40.0706, 54.4360**, and if you desaturate by 10%, it is **28.0410, 40.4095, 54.4669**.

Distribution



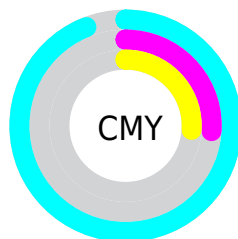
- Red (6%)
- Green (74%)
- Blue (74%)



- Red (6%)
- Yellow (40%)
- Blue (74%)



- Cyan (92%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



- Cyan (94%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5799, 40.1709, 54.4443 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 27.5799, 40.1709, 54.4443 by changing the saturation by 10% instead.

■ 27.5799, 40.1709,
54.4443

■ 27.5799, 40.1709,
54.4443

282.5707,
346.8434, 421.0244

■ 18.1481, 27.6718,
38.5614

■ 55.2264, 75.4237,
98.1893

■ 11.1567, 18.0784,
26.1135

■ 74.1717, 98.9462,
126.8884

■ 6.2404, 11.0063,
16.6820

■ 97.0189, 126.9119,
160.6967

■ 3.0338, 6.0711,
9.8485

■ 124.1334,
159.7053, 200.0327

■ 1.1717, 2.8883,
5.1943

■ 155.8804,
197.7108, 245.3149

■ 0.0838, 1.0737,
2.3010

192.6254,

■ 0.0000, 0.0000,

241.3127, 296.9619

0.7318

234.7337,
290.8954, 355.3922

■ 0.0000, 0.0000,
0.0000

■ 27.5799, 40.1709,
54.4443

■ 27.5799, 40.1709,
54.4443

■ 27.3837, 40.0706,
54.4360

■ 28.0410, 40.4095,
54.4669

■ 28.8429, 40.8229,
54.5045

■ 30.0360, 41.4379,
54.5604

■ 31.6616, 42.2760,
54.6366

■ 33.7557, 43.3555,
54.7347

■ 36.3506, 44.6932,
54.8562

■ 39.4756, 46.3042,
55.0026

■ 43.1579, 48.2025,
55.1750

■ 47.4228, 50.4012,
55.3747

Harmonies

Analogous

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



27.4533, 40.1709, 35.9972



27.5799, 40.1709, 54.4443



30.3323, 40.1709, 74.4532

Triad

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



27.5799, 40.1709, 54.4443



47.7774, 40.1709, 72.7095



41.1349, 40.1709, 17.7020

Complementary

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



27.5799, 40.1709, 54.4443



21.2446, 11.1962, 1.4944

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.



47.2792, 40.1709, 22.9023



27.5799, 40.1709, 54.4443



51.3929, 40.1709, 52.5188

Square

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



27.5799, 40.1709, 54.4443



41.7560, 40.1709, 86.8448



51.2011, 40.1709, 34.5384



34.8166, 40.1709, 17.9500

Rectangle

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



27.5799, 40.1709, 54.4443



33.4806, 40.1709, 84.4963



51.2011, 40.1709, 34.5384



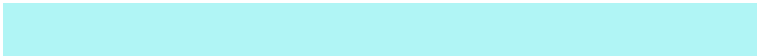
43.3025, 40.1709, 18.7913

Sweetspot

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



27.5811, 40.1724, 54.4453



67.0052, 81.0242, 98.3334



18.5327, 36.5589, 6.5328



13.9213, 17.1724, 21.1233



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.5811, 40.1724, 54.4453



49.0425, 71.7641, 97.4916



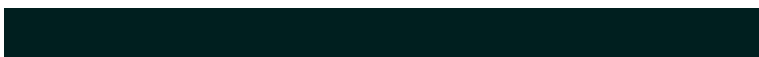
14.4260, 13.8618, 50.0610



9.8086, 10.8096, 12.2417



18.4240, 26.9599, 36.6250



0.7217, 1.0560, 1.4346

Inverse Universe

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



21.2446, 11.1962, 1.4944



37.5865, 19.3765, 1.7591



25.5462, 19.7994, 2.9282



9.5302, 9.5364, 9.9151



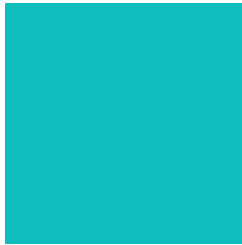
14.1202, 7.2792, 0.6609



0.5531, 0.2851, 0.0259

Previews

White Background



This preview shows how the XYZ color 27.5799, 40.1709, 54.4443 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 27.5799, 40.1709, 54.4443 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

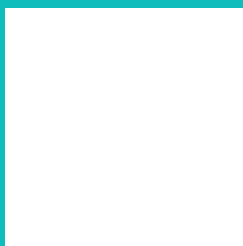
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5799, 40.1709, 54.4443

Background



This preview shows how black text looks on a background with the XYZ color 27.5799, 40.1709, 54.4443.

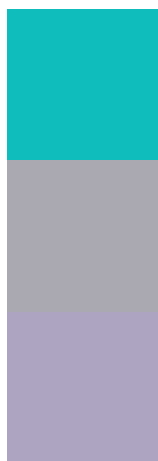


This preview shows how white text looks on a background with the XYZ color 27.5799, 40.1709,

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

27.5799, 40.1709, 54.4443

Protanopia

38.4167, 39.6859, 46.7097

Deuteranopia

40.2466, 39.3302, 56.5092



Tritanopia

29.1939, 40.1982, 62.0975

Trichromacy



Original Color

27.5799, 40.1709, 54.4443



Protanomaly

30.8053, 37.9643, 49.4203



Deuteranomaly

31.6605, 37.4059, 55.4206



Tritanomaly

28.5680, 40.2589, 59.0884

Monochromacy



Original Color

27.5799, 40.1709, 54.4443



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

22.4034, 28.5044, 35.7736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5799, 40.1709, 54.4443 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(15, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(15, 189, 189)  
}
```

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(15, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 189, 189) }
```

Border

The CSS property to change the border of an element to XYZ 27.5799, 40.1709, 54.4443 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(15, 189, 189) }
```


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

```
.border{ border-color:rgb(15, 189, 189) }
```

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

Here you see how a box with a 4 pixel rgb(15, 189, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 189, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 189, 189);  
box-shadow:4px 4px 4px 4px rgb(15, 189,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5799, 40.1709, 54.4443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 189, 189) }
```

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

```
.background{ background-color: rgb(15, 189,  
189) }
```

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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