

Converting Colors

XYZ(28.4915, 39.3547, 23.6178)

Have a look what the booklet for
XYZ(28.4915, 39.3547, 23.6178)
contains.

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Color

**XYZ(28.5754, 39.4840,
23.5678)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB777
RGB	124, 183, 119
RGB Percent	49%, 72%, 47%
CMY	0.5137, 0.2823, 0.5333
CMYK	0.32, 0.00, 0.35, 0.28
HSL	115°, 31%, 59%
HSV	115°, 35%, 72%
XYZ	28.5754, 39.4840, 23.5678
YIQ	158.0630, -14.6200, -32.4120

Conversions

Conversions Part 2

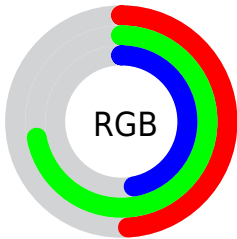
Format	Color
RYB	119, 183, 178
Decimal	8173431
CIELab	69.10, -31.86, 26.64
CIElCh	69, 41.528, 140.094
Yxy	39.4840, 0.3119, 0.4309
Android (android.graphics.Color)	4286363511 (0xFF7CB777)
YUV	158.0630, -19.2581, -29.8733
Hunter-Lab	62.8363, -28.7890, 21.7477

Details

The XYZ color **28.5754, 39.4840, 23.5678** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **33.5060, 26.0787, 48.0697**, and the grayscale version is **32.6182, 34.3169, 37.3711**.

A 20% lighter version of the original color is **56.6730, 74.1765, 50.3602**, and **11.7606, 17.7852, 8.6074** is the 20% darker color. If you saturate the color by 10%, you get **25.3476, 37.9362, 18.2218**, and if you desaturate by 10%, it is **32.4340, 41.3349, 30.0497**.

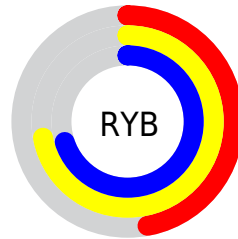
Distribution



Red (49%)

Green (72%)

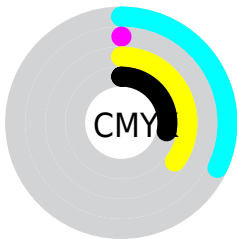
Blue (47%)



Red (47%)

Yellow (72%)

Blue (70%)

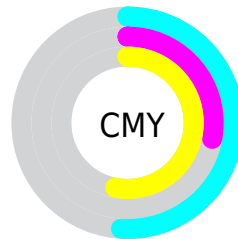


Cyan (32%)

Magenta (0%)

Yellow (35%)

Black (28%)



Cyan (51%)

Magenta (28%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5754, 39.4840, 23.5678 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 28.5754, 39.4840, 23.5678 by changing the saturation by 10% instead.

■ 28.5754, 39.4840,
23.5678

■ 28.5754, 39.4840,
23.5678

287.2367,
343.9439, 283.8439

■ 18.9025, 27.1365,
14.8041

■ 56.8040, 74.3771,
50.2589

■ 11.7034, 17.6757,
8.5369

■ 76.0905, 97.6915,
69.0235

■ 6.6128, 10.7174,
4.3477

■ 99.3122, 125.4303,
91.9587

■ 3.2653, 5.8772,
1.8180

126.8345,
157.9778, 119.4831

■ 1.2956, 2.7705,
0.4398

159.0228,
195.7186, 152.0153

■ 0.1799, 1.0131,
0.0000

196.2423,

■ 0.0000, 0.0000,

239.0369, 189.9738

0.0000

238.8585,
288.3172, 233.7772

■ 28.5754, 39.4840,
23.5678

■ 28.5754, 39.4840,
23.5678

■ 25.3476, 37.9362,
18.2218

■ 32.4340, 41.3349,
30.0497

■ 22.7142, 36.6706,
13.9438

■ 36.9514, 43.4985,
37.7248

■ 20.6396, 35.6716,
10.6630


■ 42.1574, 45.9901,
46.6499


■ 19.0834, 34.9200,
8.2986


■ 48.0793, 48.8227,
56.8771


■ 17.9993, 34.3941,
6.7576

■ 54.7427, 52.0085,
68.4557

 17.3329, 34.0683,
5.9265

 62.1720, 55.5589,
81.4326

 17.1200, 33.9643,
5.6535

 70.3906, 59.4851,
95.8521

 76.2243, 62.3486,
102.6248

Harmonies

Analogous

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



33.3174, 39.4840, 17.0144



28.5754, 39.4840, 23.5678



26.3205, 39.4840, 37.0123

Triad

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



28.5754, 39.4840, 23.5678



35.3780, 39.4840, 89.9089



50.8164, 39.4840, 31.6300

Complementary

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



28.5754, 39.4840, 23.5678



33.5060, 26.0787, 48.0697

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.



51.5368, 39.4840, 49.5820



28.5754, 39.4840, 23.5678



42.0800, 39.4840, 87.1930

Square

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



28.5754, 39.4840, 23.5678



29.9309, 39.4840, 77.5130



48.1796, 39.4840, 70.9193



46.3137, 39.4840, 20.6290

Rectangle

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



28.5754, 39.4840, 23.5678



26.3263, 39.4840, 49.7118



48.1796, 39.4840, 70.9193



51.5278, 39.4840, 36.9057

Sweetspot

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



28.5764, 39.4857, 23.5687



70.5019, 79.9721, 74.9610



38.7142, 43.1095, 23.7338



15.2867, 17.5270, 16.0684



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.5764, 39.4857, 23.5687



46.6169, 68.5266, 34.6431



29.7049, 39.8557, 33.1868



8.9536, 10.0927, 9.5831



11.9668, 23.7054, 3.9449



0.4439, 0.8470, 0.1401

Inverse Universe

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



33.5060, 26.0787, 48.0697



56.7632, 40.8895, 85.1364



32.1557, 25.6735, 34.8627



9.3099, 9.1261, 11.3503



17.3600, 8.2606, 31.9326



0.6326, 0.3018, 1.1267

Previews

White Background



This preview shows how the XYZ color 28.5754, 39.4840, 23.5678 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 28.5754, 39.4840, 23.5678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

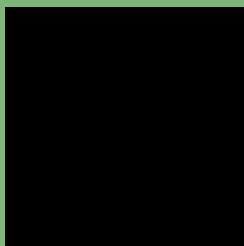
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.5754, 39.4840, 23.5678

Background



This preview shows how black text looks on a background with the XYZ color 28.5754, 39.4840, 23.5678.



This preview shows how white text looks on a background with the XYZ color 28.5754, 39.4840,

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

28.5754, 39.4840, 23.5678

Protanopia

36.2747, 39.1426, 21.2662

Deuteranopia

39.9361, 39.0871, 24.5085



Tritanopia

34.5297, 39.2213, 53.3275

Trichromacy



Original Color

28.5754, 39.4840, 23.5678

Protanomaly

32.7360, 38.7020, 21.9645

Deuteranomaly

34.7141, 38.5517, 24.0240

Tritanomaly

31.8487, 38.9942, 40.4984

Monochromacy



Original Color

28.5754, 39.4840, 23.5678

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

30.7068, 35.7620, 31.6699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5754, 39.4840, 23.5678 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(124, 183, 119)` looks like.

```
.text, #text, p{  
    color:rgb(124, 183, 119)  
}
```

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(124, 183, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 183, 119) }
```

Border

The CSS property to change the border of an element to XYZ 28.5754, 39.4840, 23.5678 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(124, 183, 119) }
```


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

```
.border{ border-color:rgb(124, 183, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 183, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 183, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 183, 119);  
box-shadow:4px 4px 4px 4px rgb(124, 183,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5754, 39.4840, 23.5678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 183, 119) }
```

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

```
.background{ background-color: rgb(124,  
183, 119) }
```

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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