

Converting Colors

XYZ(39.7787, 44.3471, 24.5679)

Have a look what the booklet for
XYZ(39.7787, 44.3471, 24.5679)
contains.

XYZ(39.7800, 44.3373, 24.5505)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.7800, 44.3373,
24.5505)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B479
RGB	185, 180, 121
RGB Percent	73%, 71%, 47%
CMY	0.2745, 0.2941, 0.5255
CMYK	0.00, 0.03, 0.35, 0.27
HSL	55°, 31%, 60%
HSV	55°, 35%, 73%
XYZ	39.7800, 44.3373, 24.5505
YIQ	174.7690, 21.9190, -17.2890

Conversions

Conversions Part 2

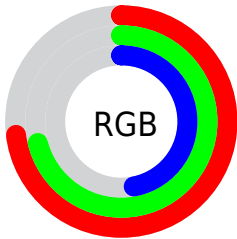
Format	Color
R_{YB}	126, 185, 121
Decimal	12170361
CIE _{Lab}	72.45, -7.26, 30.78
CIE _{LCh}	72, 31.620, 103.270
Yxy	44.3373, 0.3661, 0.4080
Android (android.graphics.Color)	4290360441 (0xFFB9B479)
YUV	174.7690, -26.5081, 8.9726
Hunter-Lab	66.5863, -9.8864, 24.7500

Details

The XYZ color **39.7800, 44.3373, 24.5505** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.1028, 22.4887, 48.9692**, and the grayscale version is **40.7538, 42.8762, 46.6922**.

A 20% lighter version of the original color is **74.2534, 81.9241, 51.9438**, and **18.0868, 20.4590, 8.9569** is the 20% darker color. If you saturate the color by 10%, you get **38.4631, 43.3481, 19.0411**, and if you desaturate by 10%, it is **41.3198, 45.4236, 31.2087**.

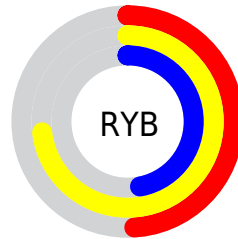
Distribution



Red (73%)

Green (71%)

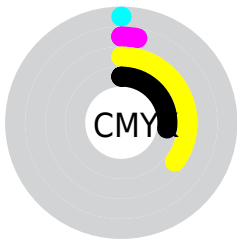
Blue (47%)



Red (49%)

Yellow (73%)

Blue (47%)

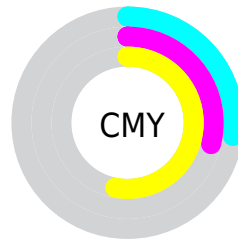


Cyan (0%)

Magenta (3%)

Yellow (35%)

Black (27%)



Cyan (27%)

Magenta (29%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7800, 44.3373, 24.5505 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 39.7800, 44.3373, 24.5505 by changing the saturation by 10% instead.

■ 39.7800, 44.3373,
24.5505

■ 39.7800, 44.3373,
24.5505

336.3458,
364.0829, 288.9676

■ 27.5505, 30.9358,
15.5265

■ 74.1149, 81.7251,
51.8821

■ 18.1258, 20.5499,
9.0390

■ 96.9509, 106.4801,
71.0268

■ 11.1406, 12.7954,
4.6695

■ 124.0532,
135.7884, 94.3822

■ 6.2295, 7.2878,
1.9994

155.7871,
170.0343, 122.3667

■ 3.0271, 3.6428,
0.5549

192.5180,
209.6024, 155.3990

■ 1.1681, 1.4758,
0.0000

234.6111,

■ 0.0810, 0.2716,

254.8769, 193.8975

0.0000

282.4320,
306.2423, 238.2809

■ 0.0000, 0.0000,
0.0000

■ 39.7800, 44.3373,
24.5505

■ 39.7800, 44.3373,
24.5505

■ 38.4631, 43.3481,
19.0411

■ 41.3198, 45.4236,
31.2087

■ 37.3532, 42.4450,
14.6119

■ 43.0906, 46.6057,
39.0733

■ 36.4376, 41.6245,
11.1915


■ 45.1043, 47.8897,
48.2015


■ 35.7011, 40.8804,
8.6986

■ 47.3708, 49.2799,
58.6461


■ 35.1257, 40.2055,
7.0395


■ 49.8995, 50.7798,
70.4567


 34.6899, 39.5913,
6.1007

 52.6996, 52.3932,
83.6806

 34.4877, 39.2746,
5.7631

 55.7794, 54.1234,
98.3625

 56.8098, 55.0388,
102.2371

 57.1275, 55.6741,
102.3430

Harmonies

Analogous

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



45.2321, 44.3373, 24.8506



39.7800, 44.3373, 24.5505



35.3552, 44.3373, 29.5461

Triad

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



39.7800, 44.3373, 24.5505



34.9586, 44.3373, 71.9222



53.0012, 44.3373, 57.4458

Complementary

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



39.7800, 44.3373, 24.5505



24.1028, 22.4887, 48.9692

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.



49.7445, 44.3373, 73.6072



39.7800, 44.3373, 24.5505



39.1946, 44.3373, 83.1212

Square

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



39.7800, 44.3373, 24.5505



32.7378, 44.3373, 55.5019



44.5942, 44.3373, 83.7970



53.1923, 44.3373, 41.7057

Rectangle

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



39.7800, 44.3373, 24.5505



33.4532, 44.3373, 35.9900



44.5942, 44.3373, 83.7970



52.2167, 44.3373, 63.0807

Sweetspot

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



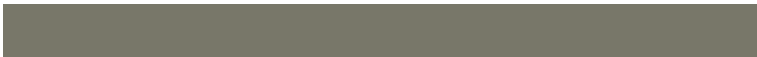
39.7811, 44.3393, 24.5514



78.7180, 84.4664, 76.9376



30.6327, 25.5045, 23.1606



16.8633, 18.1408, 16.1038



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.



39.7811, 44.3393, 24.5514



69.3079, 77.9623, 35.8314



34.9666, 43.3814, 24.6203



9.6886, 10.3802, 9.5998



23.5075, 26.7913, 3.9323



0.8466, 0.9802, 0.1446

Inverse Universe

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



24.1028, 22.4887, 48.9692



36.7510, 32.5958, 86.5592



27.7473, 23.4429, 48.9613



8.5759, 8.8291, 11.3316



6.0959, 2.6514, 31.4436



0.2340, 0.1316, 1.1148

Previews

White Background



This preview shows how the XYZ color 39.7800, 44.3373, 24.5505 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 39.7800, 44.3373, 24.5505 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

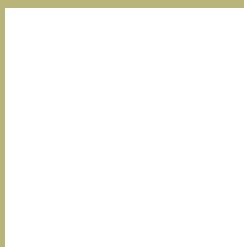
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7800, 44.3373, 24.5505

Background



This preview shows how black text looks on a background with the XYZ color 39.7800, 44.3373, 24.5505.



This preview shows how white text looks on a background with the XYZ color 39.7800, 44.3373,

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

39.7800, 44.3373, 24.5505

Protanopia

41.0488, 44.4033, 24.1765

Deuteranopia

45.1013, 44.1766, 24.8887



Tritanopia

45.5018, 44.3453, 52.0602

Trichromacy



Original Color

39.7800, 44.3373, 24.5505

Protanomaly

40.4965, 44.4151, 24.2079

Deuteranomaly

43.0060, 44.2338, 24.6837

Tritanomaly

43.0868, 44.2157, 40.4460

Monochromacy



Original Color

39.7800, 44.3373, 24.5505

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.2289, 43.3945, 37.2660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7800, 44.3373, 24.5505 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(185, 180, 121)` looks like.

```
.text, #text, p{  
    color:rgb(185, 180, 121)  
}
```

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(185, 180, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 180, 121) }
```

Border

The CSS property to change the border of an element to XYZ 39.7800, 44.3373, 24.5505 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(185, 180, 121) }
```


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

```
.border{ border-color:rgb(185, 180, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 180, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 180, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 180, 121);  
box-shadow:4px 4px 4px 4px rgb(185, 180,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7800, 44.3373, 24.5505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 180, 121) }
```

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

```
.background{ background-color: rgb(185,  
180, 121) }
```

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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