

Converting Colors

XYZ(42.3657, 39.7541, 27.6336)

Have a look what the booklet for
XYZ(42.3657, 39.7541, 27.6336)
contains.

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Color

**XYZ(42.3639, 39.7551,
27.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9F85
RGB	207, 159, 133
RGB Percent	81%, 62%, 52%
CMY	0.1882, 0.3765, 0.4784
CMYK	0.00, 0.23, 0.36, 0.19
HSL	21°, 44%, 67%
HSV	21°, 36%, 81%
XYZ	42.3639, 39.7551, 27.6310
YIQ	170.3880, 36.9540, 2.0900

Conversions

Conversions Part 2

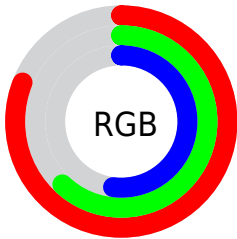
Format	Color
R_{YB}	207, 173, 133
Decimal	13606789
CIE _{Lab}	69.29, 14.28, 20.44
CIE _{LCh}	69, 24.935, 55.049
Yxy	39.7551, 0.3860, 0.3622
Android (android.graphics.Color)	4291796869 (0xFFCF9F85)
YUV	170.3880, -18.4323, 32.1087
Hunter-Lab	63.0516, 9.5924, 18.1536

Details

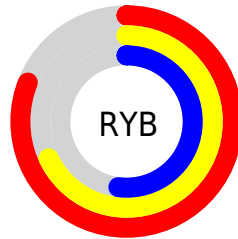
The XYZ color **42.3639, 39.7551, 27.6310** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.4587, 42.5379, 65.2679**, and the grayscale version is **38.4793, 40.4832, 44.0862**.

A 20% lighter version of the original color is **74.1495, 72.8983, 56.6171**, and **19.5815, 17.7192, 10.5717** is the 20% darker color. If you saturate the color by 10%, you get **38.8878, 34.8703, 20.0984**, and if you desaturate by 10%, it is **46.3747, 45.2580, 36.7331**.

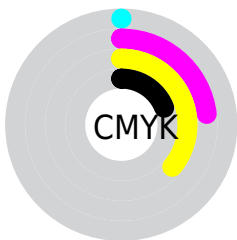
Distribution



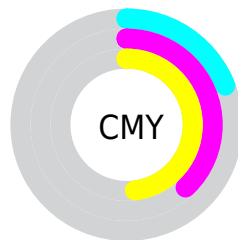
- Red (81%)
- Green (62%)
- Blue (52%)



- Red (81%)
- Yellow (68%)
- Blue (52%)



- Cyan (0%)
- Magenta (23%)
- Yellow (36%)
- Black (19%)





- Cyan (19%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3639, 39.7551, 27.6310 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 42.3639, 39.7551, 27.6310 by changing the saturation by 10% instead.

 42.3639, 39.7551,
27.6310


 42.3639, 39.7551,
27.6310


346.9552,
345.0903, 304.5557


 29.5787, 27.3477,
17.8111


 78.0118, 74.7904,
56.9108

 19.6655, 17.8345,
10.6464


 101.6052, 98.1871,
77.2077

 12.2590, 10.8312,
5.7184

 129.5320,
126.0157, 101.8340

 6.9938, 5.9535,
2.6086

162.1577,
158.6605, 131.2083

 3.5045, 2.8168,
0.8969

199.8474,
196.5060, 165.7491

 1.4258, 1.0369,
0.0000

242.9667,

 0.2745, 0.0000,

239.9365, 205.8749

0.0000

291.8809,
289.3365, 252.0042

■ 0.0000, 0.0000,
0.0000

■ 42.3639, 39.7551,
27.6310

■ 42.3639, 39.7551,
27.6310

■ 38.8878, 34.8703,
20.0984

■ 46.3747, 45.2580,
36.7331

■ 35.9186, 30.5754,
14.0426

■ 50.9401, 51.3946,
47.4852

■ 33.4308, 26.8480,
9.3648

■ 56.0825, 58.1872,
59.9653

■ 31.3946, 23.6622,
5.9530

■ 61.8222, 65.6550,
74.2455

■ 29.7766, 20.9895,
3.6771

■ 68.1784, 73.8166,
90.3940

■ 28.5369, 18.7977,
2.3770

■ 74.8129, 82.5470,
106.5978

■ 28.0978, 17.9966,
1.9928

■ 78.9030, 90.7272,
107.9612

■ 79.5422, 92.0054,
108.1742

Harmonies

Analogous

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



45.1880, 39.7551, 34.6173



42.3639, 39.7551, 27.6310



38.4535, 39.7551, 24.8468

Triad

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



42.3639, 39.7551, 27.6310



30.6323, 39.7551, 41.4138



41.1356, 39.7551, 66.4557

Complementary

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



42.3639, 39.7551, 27.6310



37.4587, 42.5379, 65.2679

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.



37.1263, 39.7551, 69.1376



42.3639, 39.7551, 27.6310



31.2400, 39.7551, 53.2944

Square

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



42.3639, 39.7551, 27.6310



31.8282, 39.7551, 31.8580



33.5504, 39.7551, 63.9585



44.4445, 39.7551, 57.1657

Rectangle

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



42.3639, 39.7551, 27.6310



35.8248, 39.7551, 25.3145



33.5504, 39.7551, 63.9585



39.8176, 39.7551, 68.2222

Sweetspot

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



42.3649, 39.7570, 27.6318



85.3266, 87.2600, 84.9825



42.4707, 33.3812, 47.9749



18.0243, 18.3609, 17.6113



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.



42.3649, 39.7570, 27.6318



63.4939, 57.5471, 34.6910



49.6833, 54.3938, 30.0713



12.1437, 12.4781, 12.3805



17.7837, 11.5004, 1.2825



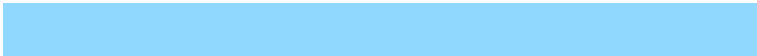
1.0681, 0.7905, 0.0963

Inverse Universe

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



37.4587, 42.5379, 65.2679



54.4648, 62.6235, 103.8247



30.9242, 29.4688, 63.0897



11.7942, 12.6787, 15.0693



12.5814, 13.8093, 39.1949



0.7765, 0.9181, 2.2159

Previews

White Background



This preview shows how the XYZ color 42.3639, 39.7551, 27.6310 looks on a white background.

Color Contrast Check

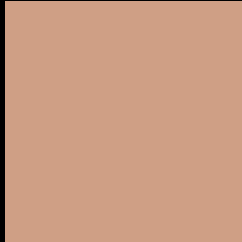
Large Text (above 18pt) WCAG AA × Fail

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 42.3639, 39.7551, 27.6310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

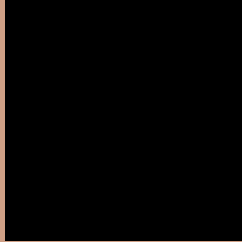
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3639, 39.7551, 27.6310

Background



This preview shows how black text looks on a background with the XYZ color 42.3639, 39.7551, 27.6310.



This preview shows how white text looks on a background with the XYZ color 42.3639, 39.7551,

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

42.3639, 39.7551, 27.6310

Protanopia

37.5978, 39.9142, 29.7674

Deuteranopia

40.5508, 39.8661, 27.3875



Tritanopia

45.0169, 39.5660, 41.3408

Trichromacy



Original Color

42.3639, 39.7551, 27.6310

Protanomaly

39.1343, 39.6350, 28.8803

Deuteranomaly

41.1726, 39.9241, 27.3659

Tritanomaly

44.0157, 39.6653, 35.9081

Monochromacy



Original Color

42.3639, 39.7551, 27.6310

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.2505, 39.7740, 37.5067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3639, 39.7551, 27.6310 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(207, 159, 133)` looks like.

```
.text, #text, p{  
    color:rgb(207, 159, 133)  
}
```

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(207, 159, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 159, 133) }
```

Border

The CSS property to change the border of an element to XYZ 42.3639, 39.7551, 27.6310 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(207, 159, 133) }
```


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

```
.border{ border-color:rgb(207, 159, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 159, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 159, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 159, 133);  
box-shadow:4px 4px 4px 4px rgb(207, 159,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3639, 39.7551, 27.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 159, 133) }
```

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

```
.background{ background-color: rgb(207,  
159, 133) }
```

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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