

Converting Colors

XYZ(41.9975, 35.6262, 39.5052)

Have a look what the booklet for
XYZ(41.9975, 35.6262, 39.5052)
contains.

XYZ(42.0377, 35.7127, 39.3279)	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(42.0377, 35.7127,
39.3279)**

Conversions

Conversions Part 1

Format	Color
Hex	CE90A3
RGB	206, 144, 163
RGB Percent	81%, 56%, 64%
CMY	0.1922, 0.4353, 0.3608
CMYK	0.00, 0.30, 0.21, 0.19
HSL	342°, 39%, 69%
HSV	342°, 30%, 81%
XYZ	42.0377, 35.7127, 39.3279
YIQ	164.7040, 30.8530, 19.0530

Conversions

Conversions Part 2

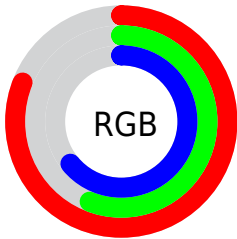
Format	Color
R _Y B	206, 144, 163
Decimal	13537443
CIE Lab	66.30, 26.21, -0.54
CIE LCh	66, 26.217, 358.827
Yxy	35.7127, 0.3591, 0.3050
Android (android.graphics.Color)	4291727523 (0xFFCE90A3)
YUV	164.7040, -0.8401, 36.2166
Hunter-Lab	59.7601, 20.9840, 2.8135

Details

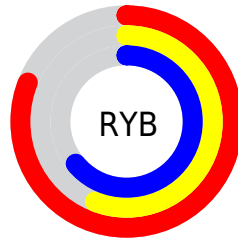
The XYZ color **42.0377, 35.7127, 39.3279** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.5441, 53.6606, 55.1316**, and the grayscale version is **35.6169, 37.4717, 40.8067**.

A 20% lighter version of the original color is **74.0890, 66.7101, 75.3011**, and **19.5461, 15.5557, 17.0113** is the 20% darker color. If you saturate the color by 10%, you get **37.9890, 29.5493, 32.0150**, and if you desaturate by 10%, it is **46.8024, 43.0758, 47.5939**.

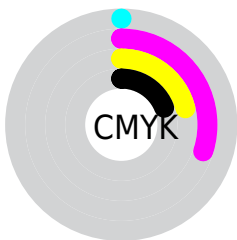
Distribution



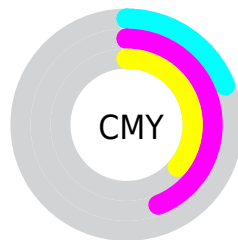
- Red (81%)
- Green (56%)
- Blue (64%)



- Red (81%)
- Yellow (56%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (21%)
- Black (19%)





- Cyan (19%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0377, 35.7127, 39.3279 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 42.0377, 35.7127, 39.3279 by changing the saturation by 10% instead.


 42.0377, 35.7127,
39.3279


 42.0377, 35.7127,
39.3279


345.6282,
327.7031, 358.7501

 29.3220, 24.2124,
26.7051


 77.5215, 68.5884,
75.3648

 19.4701, 15.4912,
17.1214


 101.0203, 90.7326,
99.6160

 12.1165, 9.1649,
10.1582


128.8443,
117.1935, 128.5805

 6.8958, 4.8489,
5.3970

161.3587,
148.3555, 162.6767

 3.4428, 2.1589,
2.4193

198.9290,
184.6031, 202.3232

 1.3920, 0.6974,
0.7969

241.9204,

 0.2505, 0.0000,

226.3207, 247.9386

0.0000

290.6983,
273.8925, 299.9414

■ 0.0000, 0.0000,
0.0000

■ 42.0377, 35.7127,
39.3279

■ 42.0377, 35.7127,
39.3279

■ 37.9890, 29.5493,
32.0150

■ 46.8024, 43.0758,
47.5939

■ 34.6174, 24.5168,
25.6176

■ 52.3133, 51.6928,
56.8443

■ 31.8850, 20.5468,
20.0982

■ 58.6024, 61.6205,
67.1119

■ 29.7486, 17.5618,
15.4162

■ 65.6990, 72.9108,
78.4271

■ 28.1594, 15.4731,
11.5272

■ 73.6309, 85.6127,
90.8189

■ 27.0603, 14.1763,
8.3818

■ 78.2704, 91.4645,
102.9305

■ 26.3543, 13.4821,
5.9334

■ 79.2637, 91.8619,
108.1612

Harmonies

Analogous

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



40.7987, 35.7127, 51.1425



42.0377, 35.7127, 39.3279



40.9731, 35.7127, 29.3911

Triad

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



42.0377, 35.7127, 39.3279



30.4429, 35.7127, 22.8942



30.1955, 35.7127, 60.3951

Complementary

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



42.0377, 35.7127, 39.3279



42.5441, 53.6606, 55.1316

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.



27.7683, 35.7127, 50.2307



42.0377, 35.7127, 39.3279



27.9033, 35.7127, 28.7616

Square

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



42.0377, 35.7127, 39.3279



34.0981, 35.7127, 21.0717



26.9619, 35.7127, 38.4456



33.7900, 35.7127, 64.6594

Rectangle

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



42.0377, 35.7127, 39.3279



39.1433, 35.7127, 24.8130



26.9619, 35.7127, 38.4456



29.2265, 35.7127, 57.4697

Sweetspot

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



42.0387, 35.7144, 39.3286



85.7028, 85.2382, 93.6605



41.4541, 34.8897, 62.9423



18.0418, 17.7696, 19.5477



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.



42.0387, 35.7144, 39.3286



63.8128, 51.3015, 56.0185



42.2713, 38.7020, 31.6300



11.3515, 11.2693, 12.3856



16.2664, 8.3171, 3.8554



0.8732, 0.4427, 0.3783

Inverse Universe

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



42.0387, 35.7144, 39.3286



63.8128, 51.3015, 56.0185



42.0765, 49.2527, 65.6818



11.3515, 11.2693, 12.3856



16.2664, 8.3171, 3.8554



0.8732, 0.4427, 0.3783

Previews

White Background



This preview shows how the XYZ color 42.0377, 35.7127, 39.3279 looks on a white background.

Color Contrast Check

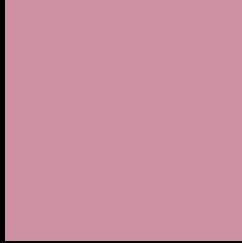
Large Text (above 18pt) WCAG AA × Fail

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 42.0377, 35.7127, 39.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

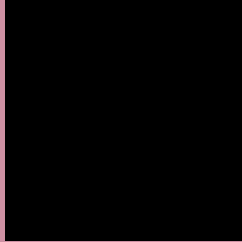
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0377, 35.7127, 39.3279

Background



This preview shows how black text looks on a background with the XYZ color 42.0377, 35.7127, 39.3279.



This preview shows how white text looks on a background with the XYZ color 42.0377, 35.7127,

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

42.0377, 35.7127, 39.3279

Protanopia

34.9856, 36.0839, 44.6561

Deuteranopia

36.4530, 35.6973, 38.6872



Tritanopia

41.3030, 35.6302, 36.1529

Trichromacy



Original Color

42.0377, 35.7127, 39.3279

Protanomaly

37.0142, 35.6544, 42.4672

Deuteranomaly

38.4889, 35.7565, 39.0555

Tritanomaly

41.5602, 35.7331, 37.5076

Monochromacy



Original Color

42.0377, 35.7127, 39.3279

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.5802, 36.4976, 40.1860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0377, 35.7127, 39.3279 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(206, 144, 163)` looks like.

```
.text, #text, p{  
    color:rgb(206, 144, 163)  
}
```

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(206, 144, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 144, 163) }
```

Border

The CSS property to change the border of an element to XYZ 42.0377, 35.7127, 39.3279 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(206, 144, 163) }
```


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

```
.border{ border-color:rgb(206, 144, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 144, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 144, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 144, 163);  
box-shadow:4px 4px 4px 4px rgb(206, 144,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0377, 35.7127, 39.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 144, 163) }
```

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

```
.background{ background-color: rgb(206,  
144, 163) }
```

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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