

Converting Colors

XYZ(40.1026, 35.0905, 22.5875)

Have a look what the booklet for
XYZ(40.1026, 35.0905, 22.5875)
contains.

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Color

**XYZ(39.9418, 35.0042,
22.4206)**

Conversions

Conversions Part 1

Format	Color
Hex	D29078
RGB	210, 144, 120
RGB Percent	82%, 56%, 47%
CMY	0.1765, 0.4353, 0.5294
CMYK	0.00, 0.31, 0.43, 0.18
HSL	16°, 50%, 65%
HSV	16°, 43%, 82%
XYZ	39.9418, 35.0042, 22.4206
YIQ	160.9980, 47.0400, 6.5280

Conversions

Conversions Part 2

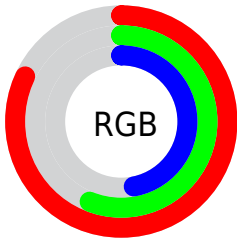
Format	Color
R_{YB}	210, 153, 120
Decimal	13799544
CIE Lab	65.75, 22.13, 22.85
CIE LCh	66, 31.812, 45.911
Yxy	35.0042, 0.4102, 0.3595
Android (android.graphics.Color)	4291989624 (0xFFD29078)
YUV	160.9980, -20.2120, 42.9748
Hunter-Lab	59.1643, 16.9676, 18.9468

Details

The XYZ color **39.9418, 35.0042, 22.4206** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.9368, 43.7624, 67.4730**, and the grayscale version is **33.9518, 35.7199, 38.8990**.

A 20% lighter version of the original color is **68.8805, 64.6267, 47.8735**, and **18.1886, 15.0559, 7.9087** is the 20% darker color. If you saturate the color by 10%, you get **36.6291, 30.1996, 15.7032**, and if you desaturate by 10%, it is **43.8540, 40.5604, 30.7173**.

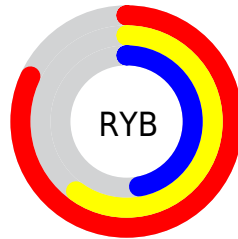
Distribution



Red (82%)

Green (56%)

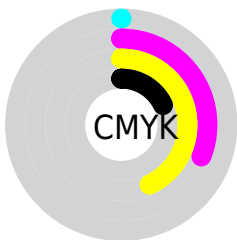
Blue (47%)



Red (82%)

Yellow (60%)

Blue (47%)

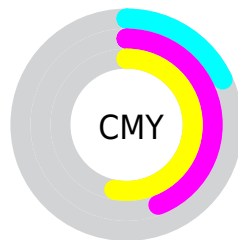


Cyan (0%)

Magenta (31%)

Yellow (43%)

Black (18%)



Cyan (18%)


Magenta (44%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9418, 35.0042, 22.4206 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 39.9418, 35.0042, 22.4206 by changing the saturation by 10% instead.


 39.9418, 35.0042,
22.4206


 39.9418, 35.0042,
22.4206


337.0168,
324.5869, 277.7598

 27.6772, 23.6661,
13.9650


 74.3598, 67.4923,
48.3513

 18.2217, 15.0861,
7.9579


 97.2439, 89.4110,
66.6634

 11.2099, 8.8799,
3.9806


 124.3985,
115.6255, 89.0981

 6.2765, 4.6629,
1.6147

156.1889,
146.5200, 116.0740

 3.0562, 2.0509,
0.3013

192.9807,
182.4791, 148.0096

 1.1836, 0.6368,
0.0000

235.1390,

 0.0933, 0.0000,

223.8869, 185.3234

0.0000

283.0293,
271.1281, 228.4339

■ 0.0000, 0.0000,
0.0000

■ 39.9418, 35.0042,
22.4206

■ 39.9418, 35.0042,
22.4206

■ 36.6291, 30.1996,
15.7032

■ 43.8540, 40.5604,
30.7173

■ 33.8819, 26.1083,
10.4616

■ 48.3918, 46.8938,
40.6839

■ 31.6667, 22.6967,
6.5829

■ 53.5830, 54.0352,
52.4061

■ 29.9451, 19.9256,
3.9369

■ 59.4530, 62.0122,
65.9635

■ 28.6724, 17.7517,
2.3672

■ 66.0256, 70.8510,
81.4307

■ 27.9931, 16.5310,
1.7154

■ 73.3236, 80.5765,
98.8780

■ 79.3754, 90.4157,
107.8762

■ 80.3884, 92.4417,
108.2138

Harmonies

Analogous

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



42.7099, 35.0042, 31.4677



39.9418, 35.0042, 22.4206



35.5124, 35.0042, 18.1633

Triad

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



39.9418, 35.0042, 22.4206



25.2738, 35.0042, 32.1707



35.8023, 35.0042, 68.7068

Complementary

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



39.9418, 35.0042, 22.4206



36.9368, 43.7624, 67.4730

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.



31.1249, 35.0042, 69.0220



39.9418, 35.0042, 22.4206



25.3356, 35.0042, 45.6350

Square

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



39.9418, 35.0042, 22.4206



27.2090, 35.0042, 22.8306



27.3867, 35.0042, 59.8160



40.1712, 35.0042, 59.0355

Rectangle

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



39.9418, 35.0042, 22.4206



32.3510, 35.0042, 17.7763



27.3867, 35.0042, 59.8160



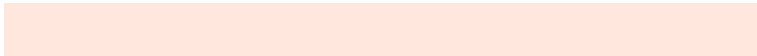
34.2071, 35.0042, 69.9757

Sweetspot

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



39.9427, 35.0059, 22.4213



82.8944, 83.5053, 80.7510



42.1579, 30.6801, 50.1545



17.3402, 17.3223, 16.3671



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.



39.9427, 35.0059, 22.4213



57.4464, 47.7552, 25.5752



48.1663, 51.4531, 25.1625



12.0616, 12.3138, 12.3531



17.1465, 10.2261, 1.0701



1.0248, 0.7040, 0.0819

Inverse Universe

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



36.9368, 43.7624, 67.4730



52.1757, 62.9273, 104.0040



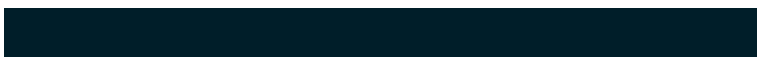
28.9038, 27.6963, 64.7954



11.8805, 12.8513, 15.0980



14.2300, 17.1066, 39.7444



0.8590, 1.0831, 2.2434

Previews

White Background



This preview shows how the XYZ color 39.9418, 35.0042, 22.4206 looks on a white background.

Color Contrast Check

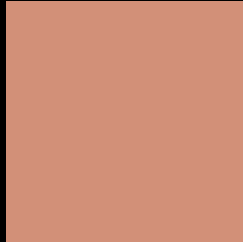
Large Text (above 18pt) WCAG AA × Fail

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 39.9418, 35.0042, 22.4206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

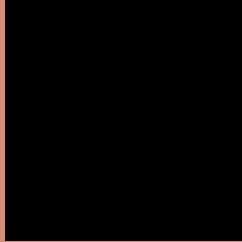
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9418, 35.0042, 22.4206

Background



This preview shows how black text looks on a background with the XYZ color 39.9418, 35.0042, 22.4206.



This preview shows how white text looks on a background with the XYZ color 39.9418, 35.0042,

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

39.9418, 35.0042, 22.4206

Protanopia

32.9791, 35.2200, 25.1386

Deuteranopia

35.6475, 34.9093, 21.9989



Tritanopia

42.3237, 35.1043, 33.3993

Trichromacy



Original Color

39.9418, 35.0042, 22.4206

Protanomaly

35.2013, 34.8807, 23.9461

Deuteranomaly

37.2621, 35.0149, 22.2474

Tritanomaly

41.3365, 34.9109, 28.9859

Monochromacy



Original Color

39.9418, 35.0042, 22.4206

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.5001, 35.1017, 32.0984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9418, 35.0042, 22.4206 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(210, 144, 120)` looks like.

```
.text, #text, p{  
    color:rgb(210, 144, 120)  
}
```

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(210, 144, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 144, 120) }
```

Border

The CSS property to change the border of an element to XYZ 39.9418, 35.0042, 22.4206 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(210, 144, 120) }
```


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

```
.border{ border-color:rgb(210, 144, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 144, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 144, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 144, 120);  
box-shadow:4px 4px 4px 4px rgb(210, 144,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9418, 35.0042, 22.4206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 144, 120) }
```

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

```
.background{ background-color: rgb(210,  
144, 120) }
```

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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