

Converting Colors

XYZ(44.6494, 42.2391, 42.2361)

Have a look what the booklet for
XYZ(44.6494, 42.2391, 42.2361)
contains.

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Color

**XYZ(44.5176, 42.1178,
42.3424)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A5A7
RGB	201, 165, 167
RGB Percent	79%, 65%, 65%
CMY	0.2118, 0.3529, 0.3451
CMYK	0.00, 0.18, 0.17, 0.21
HSL	357°, 25%, 72%
HSV	357°, 18%, 79%
XYZ	44.5176, 42.1178, 42.3424
YIQ	175.9920, 20.8140, 8.2540

Conversions

Conversions Part 2

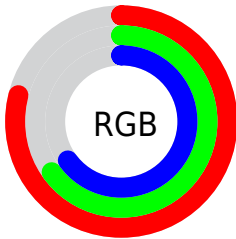
Format	Color
R _Y B	201, 165, 167
Decimal	13215143
CIE Lab	70.95, 13.51, 3.93
CIE LCh	71, 14.068, 16.241
Yxy	42.1178, 0.3452, 0.3266
Android (android.graphics.Color)	4291405223 (0xFFC9A5A7)
YUV	175.9920, -4.4331, 21.9320
Hunter-Lab	64.8982, 8.8720, 6.7454

Details

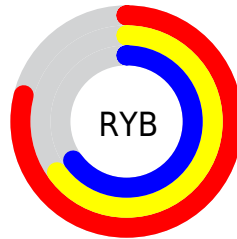
The XYZ color **44.5176, 42.1178, 42.3424** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.7142, 53.8972, 61.9767**, and the grayscale version is **41.2784, 43.4281, 47.2932**.

A 20% lighter version of the original color is **80.0180, 77.7203, 79.8914**, and **21.0323, 19.2511, 18.8270** is the 20% darker color. If you saturate the color by 10%, you get **39.5450, 34.7779, 32.6521**, and if you desaturate by 10%, it is **50.3200, 50.7041, 53.5816**.

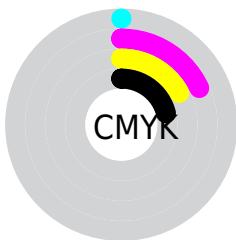
Distribution



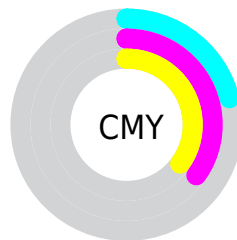
- Red (79%)
- Green (65%)
- Blue (65%)



- Red (79%)
- Yellow (65%)
- Blue (65%)



- Cyan (0%)
- Magenta (18%)
- Yellow (17%)
- Black (21%)





- Cyan (21%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5176, 42.1178, 42.3424 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 44.5176, 42.1178, 42.3424 by changing the saturation by 10% instead.


 44.5176, 42.1178,
42.3424


 44.5176, 42.1178,
42.3424


355.6330,
354.9710, 371.7418

 31.2773, 29.1935,
29.0419


 81.2376, 78.3779,
79.9932

 20.9629, 19.2273,
18.8667


 105.4479,
102.4825, 105.1807

 13.2092, 11.8346,
11.3982


134.0457,
131.0827, 135.1676

 7.6508, 6.6312,
6.2178

167.3962,
164.5628, 170.3724

 3.9222, 3.2325,
2.9070

205.8649,
203.3073, 211.2136

 1.6582, 1.2543,
1.0474

249.8170,

 0.4299, 0.1054,

247.7006, 258.1099

0.0000

299.6179,
298.1271, 311.4798

■ 0.0000, 0.0000,
0.0000

■ 44.5176, 42.1178,
42.3424

■ 44.5176, 42.1178,
42.3424

■ 39.5450, 34.7779,
32.6521

■ 50.3200, 50.7041,
53.5816

■ 35.3610, 28.6212,
24.4402

■ 56.9840, 60.5848,
66.4305

■ 31.9261, 23.5875,
17.6348

■ 64.5441, 71.8127,
80.9500

■ 29.1960, 19.6089,
12.1571

■ 73.0317, 84.4355,
97.1971

■ 27.1217, 16.6104,
7.9203

■ 77.8976, 91.1576,
108.0973

■ 25.6481, 14.5071,
4.8272

■ 24.7108, 13.1996,
2.7666

■ 24.2203, 12.5437,
1.6010

■ 24.1489, 12.4421,
1.4499

Harmonies

Analogous

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



44.5718, 42.1178, 48.9988



44.5176, 42.1178, 42.3424



43.2312, 42.1178, 37.1523

Triad

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



44.5176, 42.1178, 42.3424



36.8633, 42.1178, 37.4969



38.9691, 42.1178, 59.5767

Complementary

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



44.5176, 42.1178, 42.3424



46.7142, 53.8972, 61.9767

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.



36.9941, 42.1178, 55.8299



44.5176, 42.1178, 42.3424



35.8108, 42.1178, 42.8565

Square

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



44.5176, 42.1178, 42.3424



38.7842, 42.1178, 34.5471



35.8578, 42.1178, 49.5654



41.3057, 42.1178, 59.4046

Rectangle

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



44.5176, 42.1178, 42.3424



41.8755, 42.1178, 35.0288



35.8578, 42.1178, 49.5654



38.2428, 42.1178, 58.7192

Sweetspot

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



44.5188, 42.1197, 42.3433



89.2378, 91.3817, 97.6951



47.4462, 43.2167, 61.0998



18.9323, 19.3101, 20.5861



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.



44.5188, 42.1197, 42.3433



73.1812, 67.6232, 66.5866



47.3229, 48.0210, 42.3744



10.6573, 10.6463, 11.1787



15.1948, 7.8275, 0.9699



0.7280, 0.3740, 0.0907

Inverse Universe

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



44.5188, 42.1197, 42.3433



73.1812, 67.6232, 66.5866



43.4941, 47.0835, 62.0545



10.6573, 10.6463, 11.1787



15.1948, 7.8275, 0.9699



0.7280, 0.3740, 0.0907

Previews

White Background



This preview shows how the XYZ color 44.5176, 42.1178, 42.3424 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 44.5176, 42.1178, 42.3424 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 44.5176, 42.1178, 42.3424

Background



This preview shows how black text looks on a background with the XYZ color 44.5176, 42.1178, 42.3424.



This preview shows how white text looks on a background with the XYZ color 44.5176, 42.1178,

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

44.5176, 42.1178, 42.3424

Protanopia

40.5214, 42.2128, 45.0419

Deuteranopia

42.8779, 42.0959, 41.9418



Tritanopia

45.4691, 42.2421, 46.8314

Trichromacy



Original Color

44.5176, 42.1178, 42.3424

Protanomaly

41.8801, 42.0908, 43.9472

Deuteranomaly

43.4666, 42.1264, 41.9167

Tritanomaly

45.1754, 42.1246, 45.2850

Monochromacy



Original Color

44.5176, 42.1178, 42.3424

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.3029, 42.8365, 45.5738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5176, 42.1178, 42.3424 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(201, 165, 167)` looks like.

```
.text, #text, p{  
    color:rgb(201, 165, 167)  
}
```

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(201, 165, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 165, 167) }
```

Border

The CSS property to change the border of an element to XYZ 44.5176, 42.1178, 42.3424 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(201, 165, 167) }
```


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

```
.border{ border-color:rgb(201, 165, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 165, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 165, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 165, 167);  
box-shadow:4px 4px 4px 4px rgb(201, 165,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5176, 42.1178, 42.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 165, 167) }
```

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

```
.background{ background-color: rgb(201,  
165, 167) }
```

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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