

Converting Colors

XYZ(43.4939, 43.5096, 41.0069)

Have a look what the booklet for
XYZ(43.4939, 43.5096, 41.0069)
contains.

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Color

**XYZ(43.4457, 43.5228,
41.2329)**

Conversions

Conversions Part 1

Format	Color
Hex	C1ACA4
RGB	193, 172, 164
RGB Percent	76%, 67%, 64%
CMY	0.2431, 0.3255, 0.3569
CMYK	0.00, 0.11, 0.15, 0.24
HSL	17°, 19%, 70%
HSV	17°, 15%, 76%
XYZ	43.4457, 43.5228, 41.2329
YIQ	177.3670, 15.0840, 1.9640

Conversions

Conversions Part 2

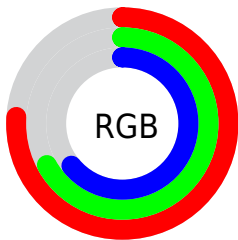
Format	Color
RYB	193, 175, 164
Decimal	12692644
CIELab	71.91, 6.24, 6.87
CIELCh	72, 9.283, 47.736
Yxy	43.5228, 0.3389, 0.3395
Android (android.graphics.Color)	4290882724 (0xFFC1ACA4)
YUV	177.3670, -6.5899, 13.7101
Hunter-Lab	65.9718, 2.1004, 9.1236

Details

The XYZ color **43.4457, 43.5228, 41.2329** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2843, 46.4399, 57.1877**, and the grayscale version is **42.0119, 44.1998, 48.1336**.

A 20% lighter version of the original color is **79.6796, 80.3766, 78.3325**, and **20.2886, 20.0918, 18.1380** is the 20% darker color. If you saturate the color by 10%, you get **39.3125, 37.8370, 31.8987**, and if you desaturate by 10%, it is **48.1255, 49.8777, 52.0553**.

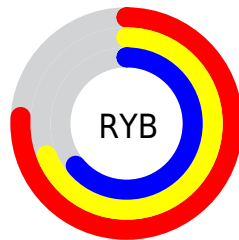
Distribution



Red (76%)

Green (67%)

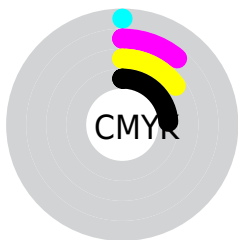
Blue (64%)



Red (76%)

Yellow (69%)

Blue (64%)

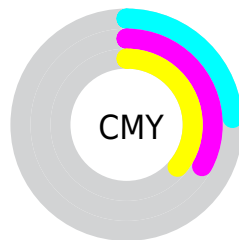


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4457, 43.5228, 41.2329 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 43.4457, 43.5228, 41.2329 by changing the saturation by 10% instead.


 43.4457, 43.5228,
41.2329


 43.4457, 43.5228,
41.2329


351.3320,
360.7574, 366.9985

 30.4310, 30.2955,
28.1800


 79.6345, 80.4992,
78.2948

 20.3157, 20.0630,
18.2212


 103.5394,
105.0171, 103.1410

 12.7343, 12.4409,
10.9378


131.8050,
134.0673, 132.7553

 7.3216, 7.0447,
5.9114

164.7967,
168.0343, 167.5563

 3.7121, 3.4900,
2.7234

202.8800,
207.3024, 207.9626

 1.5406, 1.3926,
0.9552

246.4200,

 0.3532, 0.2113,

252.2560, 254.3927

0.0000

295.7823,
303.2796, 307.2652

■ 0.0000, 0.0000,
0.0000

■ 43.4457, 43.5228,
41.2329

■ 43.4457, 43.5228,
41.2329

■ 39.3125, 37.8370,
31.8987

■ 48.1255, 49.8777,
52.0553

■ 35.7018, 32.7924,
23.9846

■ 53.3677, 56.9167,
64.4245

■ 32.5931, 28.3678,
17.4209

■ 59.1919, 64.6617,
78.3993

■ 29.9628, 24.5386,
12.1315

■ 65.6156, 73.1319,
94.0347

■ 27.7855, 21.2784,
8.0320

■ 71.7569, 81.9863,
106.6507

■ 26.0333, 18.5588,
5.0282

■ 75.8025, 90.0776,
107.9992

■ 24.6745, 16.3486,
3.0111

■ 23.6723, 14.6129,
1.8486

■ 23.2777, 13.9079,
1.4576

Harmonies

Analogous

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



44.3310, 43.5228, 44.7857



43.4457, 43.5228, 41.2329



42.0163, 43.5228, 39.3796

Triad

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



43.4457, 43.5228, 41.2329



38.4668, 43.5228, 45.5634



42.3002, 43.5228, 56.1753

Complementary

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



43.4457, 43.5228, 41.2329



42.2843, 46.4399, 57.1877

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.



40.7247, 43.5228, 56.4166



43.4457, 43.5228, 41.2329



38.5384, 43.5228, 50.0912

Square

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



43.4457, 43.5228, 41.2329



39.1577, 43.5228, 41.7709



39.3559, 43.5228, 54.1291



43.6581, 43.5228, 53.4893

Rectangle

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



43.4457, 43.5228, 41.2329



40.9592, 43.5228, 39.2741



39.3559, 43.5228, 54.1291



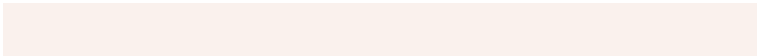
41.7777, 43.5228, 56.5509

Sweetspot

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



43.4469, 43.5247, 41.2338



86.1457, 89.2675, 93.1213



44.0535, 41.4031, 51.7169



18.3469, 18.9695, 19.6641



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.4469, 43.5247, 41.2338



75.2966, 74.5064, 68.1183



46.3018, 49.2346, 42.1855



10.2944, 10.5203, 10.5499



15.5407, 9.3672, 0.9890



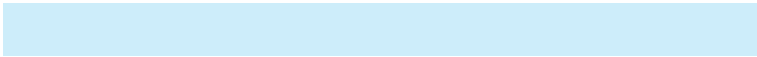
0.7313, 0.5244, 0.0627

Inverse Universe

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



42.2843, 46.4399, 57.1877



72.8189, 80.7135, 102.1016



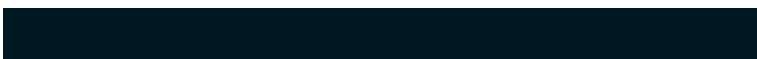
39.4550, 40.7812, 56.2446



10.1259, 10.9432, 12.8634



12.6839, 15.1242, 35.8074



0.6033, 0.7640, 1.5655

Previews

White Background



This preview shows how the XYZ color 43.4457, 43.5228, 41.2329 looks on a white background.

Color Contrast Check

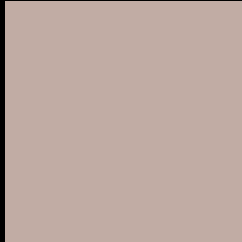
Large Text (above 18pt) WCAG AA × Fail

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 43.4457, 43.5228, 41.2329 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 43.4457, 43.5228, 41.2329

Background



This preview shows how black text looks on a background with the XYZ color 43.4457, 43.5228, 41.2329.



This preview shows how white text looks on a background with the XYZ color 43.4457, 43.5228,

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

43.4457, 43.5228, 41.2329

Protanopia

41.6997, 43.7489, 42.3230

Deuteranopia

44.3643, 43.4356, 41.1676



Tritanopia

45.1371, 43.3554, 50.2454

Trichromacy



Original Color

43.4457, 43.5228, 41.2329

Protanomaly

42.3712, 43.8157, 41.8214

Deuteranomaly

44.0287, 43.5419, 41.2058

Tritanomaly

44.3607, 43.3139, 46.5798

Monochromacy



Original Color

43.4457, 43.5228, 41.2329

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.3048, 43.7058, 45.2361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4457, 43.5228, 41.2329 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(193, 172, 164)` looks like.

```
.text, #text, p{  
    color:rgb(193, 172, 164)  
}
```

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(193, 172, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 172, 164) }
```

Border

The CSS property to change the border of an element to XYZ 43.4457, 43.5228, 41.2329 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(193, 172, 164) }
```


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

```
.border{ border-color:rgb(193, 172, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 172, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 172, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 172, 164);  
box-shadow:4px 4px 4px 4px rgb(193, 172,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4457, 43.5228, 41.2329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 172, 164) }
```

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

```
.background{ background-color: rgb(193,  
172, 164) }
```

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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