

Converting Colors

XYZ(42.2535, 42.4416, 43.9158)

Have a look what the booklet for
XYZ(42.2535, 42.4416, 43.9158)
contains.

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Color

**XYZ(42.3121, 42.5929,
44.0214)**

Conversions

Conversions Part 1

Format	Color
Hex	BBABAA
RGB	187, 171, 170
RGB Percent	73%, 67%, 67%
CMY	0.2667, 0.3294, 0.3333
CMYK	0.00, 0.09, 0.09, 0.27
HSL	4°, 11%, 70%
HSV	4°, 9%, 73%
XYZ	42.3121, 42.5929, 44.0214
YIQ	175.6700, 9.8570, 3.0810

Conversions

Conversions Part 2

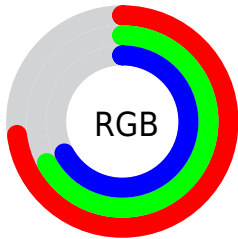
Format	Color
RYB	187, 171, 170
Decimal	12299178
CIELab	71.28, 5.58, 2.59
CIELCh	71, 6.154, 24.905
Yxy	42.5929, 0.3282, 0.3304
Android (android.graphics.Color)	4290489258 (0xFFBBABAA)
YUV	175.6700, -2.7953, 9.9364
Hunter-Lab	65.2632, 1.5162, 5.6919

Details

The XYZ color **42.3121, 42.5929, 44.0214** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.1059, 47.2508, 53.8625**, and the grayscale version is **41.1065, 43.2473, 47.0963**.

A 20% lighter version of the original color is **77.7491, 78.8836, 82.3624**, and **19.6984, 19.5700, 19.8787** is the 20% darker color. If you saturate the color by 10%, you get **37.5623, 35.7254, 34.3225**, and if you desaturate by 10%, it is **47.7585, 50.4498, 55.1950**.

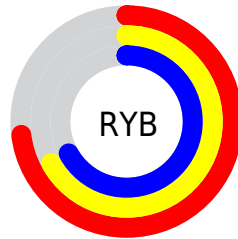
Distribution



Red (73%)

Green (67%)

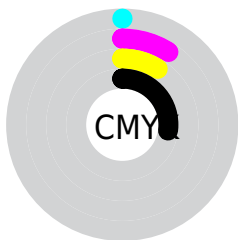
Blue (67%)



Red (73%)

Yellow (67%)

Blue (67%)

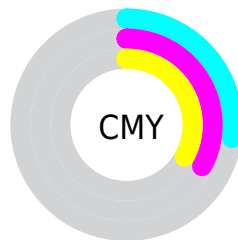


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3121, 42.5929, 44.0214 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 42.3121, 42.5929, 44.0214 by changing the saturation by 10% instead.


 42.3121, 42.5929,
44.0214

 42.3121, 42.5929,
44.0214


346.7447,
356.9349, 378.8395

 29.5379, 29.5658,
30.3500


 77.9340, 79.0962,
82.5528

 19.6345, 19.5093,
19.8501

101.5124,
103.3412, 108.2498

 12.2363, 12.0388,
12.1031


129.4229,
132.0942, 138.7925

 6.9782, 6.7701,
6.6906

162.0309,
165.7398, 174.5994

 3.4947, 3.3188,
3.1938

199.7017,
204.6623, 216.0890

 1.4204, 1.3003,
1.1944

242.8007,

 0.2707, 0.1415,

249.2460, 263.6799

0.0000

291.6933,
299.8754, 317.7905

■ 0.0000, 0.0000,
0.0000

■ 42.3121, 42.5929,
44.0214

■ 42.3121, 42.5929,
44.0214

■ 37.5623, 35.7254,
34.3225

■ 47.7585, 50.4498,
55.1950

■ 33.4775, 29.8027,
26.0341

■ 53.9242, 59.3272,
67.8983

■ 30.0292, 24.7852,
19.0914

■ 60.8353, 69.2619,
82.1871

■ 27.1852, 20.6283,
13.4233

■ 68.5157, 80.2871,
98.1133

■ 24.9107, 17.2837,
8.9523

■ 74.3037, 89.3049,
107.9291

■ 23.1672, 14.6981,
5.5924

■ 21.9116, 12.8121,
3.2463

■ 21.0938, 11.5572,
1.7997

■ 20.6423, 10.8473,
1.0546

Harmonies

Analogous

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



42.4945, 42.5929, 46.8836



42.3121, 42.5929, 44.0214



41.6363, 42.5929, 41.8751

Triad

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



42.3121, 42.5929, 44.0214



38.8794, 42.5929, 43.1815



40.3071, 42.5929, 52.2777

Complementary

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



42.3121, 42.5929, 44.0214



43.1059, 47.2508, 53.8625

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.



39.3518, 42.5929, 51.1893



42.3121, 42.5929, 44.0214



38.5365, 42.5929, 45.8730

Square

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



42.3121, 42.5929, 44.0214



39.6524, 42.5929, 41.4048



38.7079, 42.5929, 48.8140



41.3257, 42.5929, 51.7309

Rectangle

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



42.3121, 42.5929, 44.0214



41.0029, 42.5929, 41.0970



38.7079, 42.5929, 48.8140



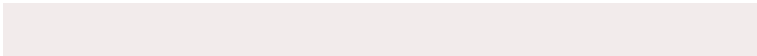
39.9681, 42.5929, 52.0896

Sweetspot

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



42.3133, 42.5948, 44.0223



81.5230, 84.5712, 90.6112



43.7476, 42.8664, 52.5067



17.7775, 18.3712, 19.5944



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.3133, 42.5948, 44.0223



73.9052, 73.5750, 75.0028



43.9400, 45.8483, 44.5646



9.5742, 9.6243, 9.9297



14.2215, 7.4818, 0.6946



0.5727, 0.3243, 0.0324

Inverse Universe

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



43.1059, 47.2508, 53.8625



75.6260, 83.6840, 96.3681



41.3986, 43.8362, 53.2934



9.7591, 10.7104, 12.2252



16.8911, 23.8939, 36.1146



0.6764, 0.9655, 1.4196

Previews

White Background



This preview shows how the XYZ color 42.3121, 42.5929, 44.0214 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 42.3121, 42.5929, 44.0214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

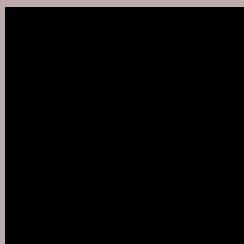
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

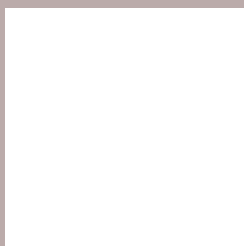
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3121, 42.5929, 44.0214

Background



This preview shows how black text looks on a background with the XYZ color 42.3121, 42.5929, 44.0214.



This preview shows how white text looks on a background with the XYZ color 42.3121, 42.5929,

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

42.3121, 42.5929, 44.0214

Protanopia

40.9425, 42.7156, 45.1168

Deuteranopia

43.4360, 42.6157, 43.9665



Tritanopia

43.6177, 42.5721, 50.1743

Trichromacy



Original Color

42.3121, 42.5929, 44.0214

Protanomaly

41.3503, 42.6512, 44.5812

Deuteranomaly

43.1163, 42.7281, 44.0051

Tritanomaly

43.1496, 42.6552, 48.0785

Monochromacy



Original Color

42.3121, 42.5929, 44.0214

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.5984, 43.0314, 46.1578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3121, 42.5929, 44.0214 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(187, 171, 170)` looks like.

```
.text, #text, p{  
    color:rgb(187, 171, 170)  
}
```

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(187, 171, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 171, 170) }
```

Border

The CSS property to change the border of an element to XYZ 42.3121, 42.5929, 44.0214 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(187, 171, 170) }
```


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

```
.border{ border-color:rgb(187, 171, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 171, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 171, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 171, 170);  
box-shadow:4px 4px 4px 4px rgb(187, 171,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3121, 42.5929, 44.0214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 171, 170) }
```

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

```
.background{ background-color: rgb(187,  
171, 170) }
```

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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