

Converting Colors

XYZ(41.3102, 42.4314, 53.5905)

Have a look what the booklet for
XYZ(41.3102, 42.4314, 53.5905)
contains.

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Color

**XYZ(41.2543, 42.4022,
53.5871)**

Conversions

Conversions Part 1

Format	Color
Hex	ADADBC
RGB	173, 173, 188
RGB Percent	68%, 68%, 74%
CMY	0.3216, 0.3216, 0.2627
CMYK	0.08, 0.08, 0.00, 0.26
HSL	240°, 10%, 71%
HSV	240°, 8%, 74%
XYZ	41.2543, 42.4022, 53.5871
YIQ	174.7100, -4.8150, 4.6650

Conversions

Conversions Part 2

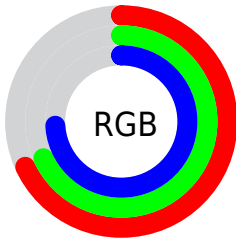
Format	Color
R _{YB}	173, 173, 188
Decimal	11382204
CIE Lab	71.15, 2.94, -7.65
CIE LCh	71, 8.195, 290.990
Yxy	42.4022, 0.3006, 0.3090
Android (android.graphics.Color)	4289572284 (0xFFADADBC)
YUV	174.7100, 6.5520, -1.4997
Hunter-Lab	65.1170, -0.8676, -3.2100

Details

The XYZ color **41.2543, 42.4022, 53.5871** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.2654, 49.6748, 46.6858**, and the grayscale version is **40.5677, 42.6804, 46.4790**.

A 20% lighter version of the original color is **76.0674, 78.5124, 96.7332**, and **19.0957, 19.4890, 25.6770** is the 20% darker color. If you saturate the color by 10%, you get **34.0318, 33.7001, 52.2888**, and if you desaturate by 10%, it is **49.5714, 52.4237, 55.0837**.

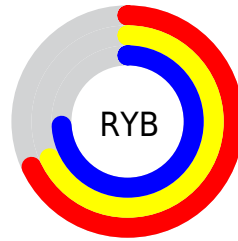
Distribution



Red (68%)

Green (68%)

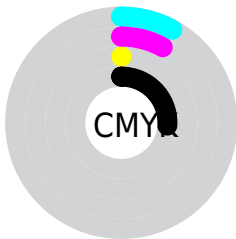
Blue (74%)



Red (68%)

Yellow (68%)

Blue (74%)

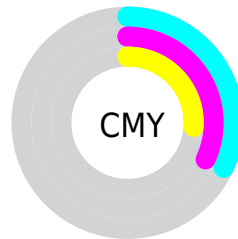


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (26%)



Cyan (32%)

Magenta (32%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2543, 42.4022, 53.5871 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 41.2543, 42.4022, 53.5871 by changing the saturation by 10% instead.

■ 41.2543, 42.4022,
53.5871

■ 41.2543, 42.4022,
53.5871

342.4268,
356.1475, 417.6635

■ 28.7064, 29.4164,
37.8807

■ 76.3420, 78.8080,
96.9180

■ 19.0020, 19.3960,
25.5890

99.6126, 102.9967,
125.3796

■ 11.7757, 11.9568,
16.2934

127.1881,
131.6885, 158.9301

■ 6.6623, 6.7143,
9.5754

159.4338,
165.2678, 197.9879

■ 3.2962, 3.2840,
5.0165

196.7152,
204.1189, 242.9716

■ 1.3123, 1.2818,
2.1980

239.3976,

■ 0.1924, 0.1270,

248.6263, 294.2997

0.6732

287.8464,
299.1744, 352.3909

■ 0.0000, 0.0000,
0.0000

■ 41.2543, 42.4022,
53.5871

■ 41.2543, 42.4022,
53.5871

■ 34.0318, 33.7001,
52.2888

■ 49.5714, 52.4237,
55.0837

■ 27.8548, 26.2575,
51.1777

■ 59.0221, 63.8106,
56.7835

■ 22.6760, 20.0175,
50.2463

■ 69.6480, 76.6134,
58.6947

■ 18.4431, 14.9171,
49.4849

■ 81.4875, 90.8785,
60.8241

■ 15.0990, 10.8876,
48.8834

■ 86.0772, 96.4109,
61.6501

■ 12.5802, 7.8525,
48.4303

■ 10.8154, 5.7258,
48.1128

■ 9.7205, 4.4063,
47.9158

■ 9.1663, 3.7385,
47.8161

Harmonies

Analogous

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



39.8904, 42.4022, 54.0391



41.2543, 42.4022, 53.5871



42.3866, 42.4022, 51.0890

Triad

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



41.2543, 42.4022, 53.5871



41.9853, 42.4022, 40.5440



37.7525, 42.4022, 44.9958

Complementary

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



41.2543, 42.4022, 53.5871



46.2654, 49.6748, 46.6858

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.



38.2869, 42.4022, 41.5751



41.2543, 42.4022, 53.5871



40.7165, 42.4022, 39.1023

Square

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



41.2543, 42.4022, 53.5871



42.8152, 42.4022, 43.5153



39.3645, 42.4022, 39.4688



37.8891, 42.4022, 48.9281

Rectangle

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



41.2543, 42.4022, 53.5871



42.8477, 42.4022, 48.6734



39.3645, 42.4022, 39.4688



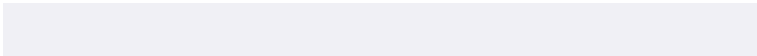
37.8592, 42.4022, 43.7516

Sweetspot

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



41.2555, 42.4040, 53.5880



83.4855, 87.3529, 98.6868



44.2678, 48.4715, 54.4593



17.9875, 18.8262, 21.2283



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.



41.2555, 42.4040, 53.5880



71.7412, 73.2023, 96.5745



42.9022, 43.2523, 53.6650



9.0166, 9.2256, 11.9777



6.1804, 2.4725, 32.5444



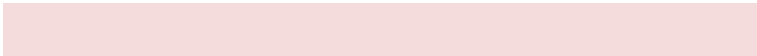
0.2421, 0.0969, 1.2748

Inverse Universe

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



43.2265, 43.5967, 45.6739



76.2249, 75.9155, 78.5706



44.5243, 48.7779, 46.6045



9.5303, 9.5364, 9.9153



14.1204, 7.2793, 0.6615



0.5531, 0.2851, 0.0260

Previews

White Background



This preview shows how the XYZ color 41.2543, 42.4022, 53.5871 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 41.2543, 42.4022, 53.5871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

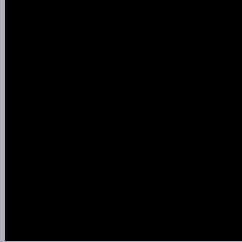
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2543, 42.4022, 53.5871

Background



This preview shows how black text looks on a background with the XYZ color 41.2543, 42.4022, 53.5871.



This preview shows how white text looks on a background with the XYZ color 41.2543, 42.4022,

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

41.2543, 42.4022, 53.5871

Protanopia

41.2543, 42.4022, 53.5871

Deuteranopia

43.1404, 42.2404, 54.0236



Tritanopia

41.1468, 42.3592, 53.0212

Trichromacy



Original Color

41.2543, 42.4022, 53.5871

Protanomaly

41.2543, 42.4022, 53.5871

Deuteranomaly

42.3824, 42.1269, 54.0416

Tritanomaly

41.1468, 42.3592, 53.0212

Monochromacy



Original Color

41.2543, 42.4022, 53.5871

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.8298, 42.5661, 49.2441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2543, 42.4022, 53.5871 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(173, 173, 188)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 188)  
}
```

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(173, 173, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 188) }
```

Border

The CSS property to change the border of an element to XYZ 41.2543, 42.4022, 53.5871 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(173, 173, 188) }
```


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

```
.border{ border-color:rgb(173, 173, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 188);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2543, 42.4022, 53.5871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 188) }
```

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

```
.background{ background-color: rgb(173,  
173, 188) }
```

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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