

Converting Colors

XYZ(41.1822, 42.2224, 44.8280)

Have a look what the booklet for
XYZ(41.1822, 42.2224, 44.8280)
contains.

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Color

**XYZ(41.2550, 42.3074,
45.0215)**

Conversions

Conversions Part 1

Format	Color
Hex	B5ACAC
RGB	181, 172, 172
RGB Percent	71%, 67%, 67%
CMY	0.2902, 0.3255, 0.3255
CMYK	0.00, 0.05, 0.05, 0.29
HSL	0°, 6%, 69%
HSV	0°, 5%, 71%
XYZ	41.2550, 42.3074, 45.0215
YIQ	174.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

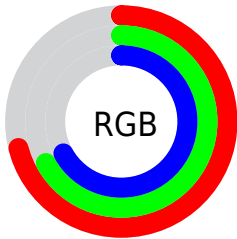
Format	Color
RYB	181, 172, 172
Decimal	11906220
CIELab	71.08, 3.22, 1.14
CIELCh	71, 3.415, 19.555
Yxy	42.3074, 0.3208, 0.3290
Android (android.graphics.Color)	4290096300 (0xFFB5ACAC)
YUV	174.6910, -1.3267, 5.5330
Hunter-Lab	65.0441, -0.6115, 4.4922

Details

The XYZ color **41.2550, 42.3074, 45.0215** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8776, 45.1539, 50.2250**, and the grayscale version is **40.5936, 42.7076, 46.5086**.

A 20% lighter version of the original color is **76.2593, 78.4887, 83.8036**, and **19.0087, 19.3782, 20.5078** is the 20% darker color. If you saturate the color by 10%, you get **36.4217, 35.2355, 35.4102**, and if you desaturate by 10%, it is **46.7964, 50.4154, 56.0380**.

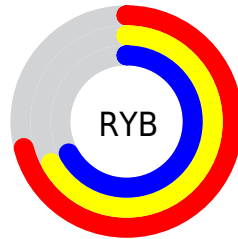
Distribution



Red (71%)

Green (67%)

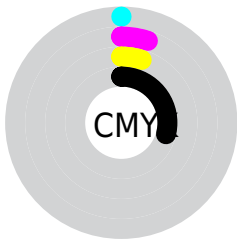
Blue (67%)



Red (71%)

Yellow (67%)

Blue (67%)

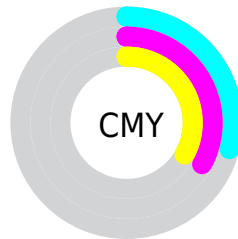


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2550, 42.3074, 45.0215 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 41.2550, 42.3074, 45.0215 by changing the saturation by 10% instead.

■ 41.2550, 42.3074,
45.0215

■ 41.2550, 42.3074,
45.0215

342.4297,
355.7556, 383.0233

■ 28.7069, 29.3421,
31.1313

■ 76.3431, 78.6647,
84.0715

■ 19.0024, 19.3397,
20.4395

99.6139, 102.8254,
110.0683

■ 11.7760, 11.9160,
12.5277

127.1896,
131.4867, 140.9378

■ 6.6625, 6.6865,
6.9773

159.4356,
165.0329, 177.0984

■ 3.2964, 3.2668,
3.3696

196.7172,
203.8486, 218.9687

■ 1.3124, 1.2726,
1.2863

239.3999,

■ 0.1924, 0.1198,

248.3180, 266.9673

0.0506

287.8489,
298.8255, 321.5126

■ 0.0000, 0.0000,
0.0000

■ 41.2550, 42.3074,
45.0215

■ 41.2550, 42.3074,
45.0215

■ 36.4217, 35.2355,
35.4102

■ 46.7964, 50.4154,
56.0380

■ 32.2646, 29.1527,
27.1450

■ 53.0689, 59.5931,
68.5101

■ 28.7545, 24.0167,
20.1667

■ 60.0992, 69.8794,
82.4892

■ 25.8590, 19.7798,
14.4105

■ 67.9113, 81.3096,
98.0231

■ 23.5428, 16.3904,
9.8062

■ 72.8663, 88.5639,
107.8618

■ 21.7669, 13.7915,
6.2763

■ 20.4875, 11.9192,
3.7339

■ 19.6543, 10.6996,
2.0784

■ 19.2056, 10.0427,
1.1875

Harmonies

Analogous

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



41.3009, 42.3074, 46.6377



41.2550, 42.3074, 45.0215



40.9281, 42.3074, 43.7147

Triad

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



41.2550, 42.3074, 45.0215



39.3825, 42.3074, 44.0565



40.0133, 42.3074, 49.2263

Complementary

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



41.2550, 42.3074, 45.0215



41.8776, 45.1539, 50.2250

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.



39.5041, 42.3074, 48.4992



41.2550, 42.3074, 45.0215



39.1422, 42.3074, 45.4981

Square

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



41.2550, 42.3074, 45.0215



39.8457, 42.3074, 43.1667



39.1866, 42.3074, 47.1257



40.5804, 42.3074, 49.0914

Rectangle

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



41.2550, 42.3074, 45.0215



40.5965, 42.3074, 43.1827



39.1866, 42.3074, 47.1257



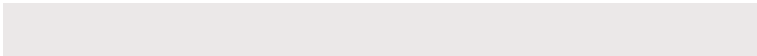
39.8298, 42.3074, 49.0739

Sweetspot

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



41.2562, 42.3092, 45.0224



77.6590, 81.2916, 88.1310



42.1497, 42.6656, 49.7304



16.7964, 17.5868, 19.0711



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



41.2562, 42.3092, 45.0224



72.8491, 74.2538, 78.5674



42.1266, 44.0501, 45.3125



8.7989, 8.9480, 9.4475



13.1375, 6.7735, 0.6150



0.4134, 0.2133, 0.0194

Inverse Universe

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



41.8776, 45.1539, 50.2250



74.2042, 80.4576, 89.9135



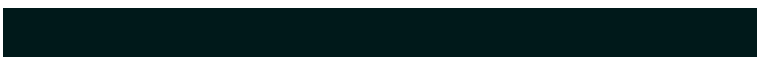
40.9779, 43.3546, 49.9251



8.9742, 9.7507, 10.9154



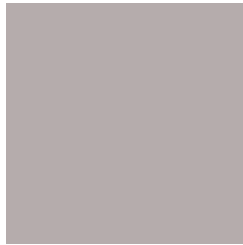
17.1320, 25.0643, 34.0719



0.5391, 0.7888, 1.0721

Previews

White Background



This preview shows how the XYZ color 41.2550, 42.3074, 45.0215 looks on a white background.

Color Contrast Check

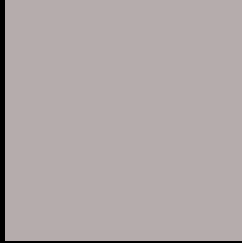
Large Text (above 18pt) WCAG AA × Fail

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 41.2550, 42.3074, 45.0215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

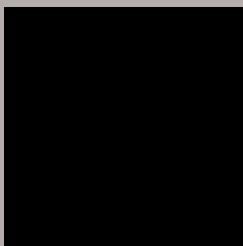
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

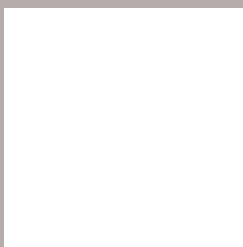
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2550, 42.3074, 45.0215

Background



This preview shows how black text looks on a background with the XYZ color 41.2550, 42.3074, 45.0215.



This preview shows how white text looks on a background with the XYZ color 41.2550, 42.3074,

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

41.2550, 42.3074, 45.0215

Protanopia

40.6179, 42.2514, 45.5497

Deuteranopia

43.0313, 42.0988, 45.3930



Tritanopia

42.5549, 42.2774, 51.2649

Trichromacy



Original Color

41.2550, 42.3074, 45.0215

Protanomaly

40.8465, 42.3692, 45.5604

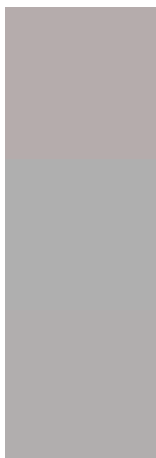
Deuteranomaly

42.2243, 41.9579, 45.4084

Tritanomaly

42.0925, 42.3662, 49.1390

Monochromacy



Original Color

41.2550, 42.3074, 45.0215

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.9075, 42.6752, 46.1255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2550, 42.3074, 45.0215 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(181, 172, 172)` looks like.

```
.text, #text, p{  
    color:rgb(181, 172, 172)  
}
```

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(181, 172, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 172, 172) }
```

Border

The CSS property to change the border of an element to XYZ 41.2550, 42.3074, 45.0215 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(181, 172, 172) }
```


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

```
.border{ border-color:rgb(181, 172, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 172, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 172, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 172, 172);  
box-shadow:4px 4px 4px 4px rgb(181, 172,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2550, 42.3074, 45.0215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 172, 172) }
```

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

```
.background{ background-color: rgb(181,  
172, 172) }
```

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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