

# Converting Colors

XYZ(42.5376, 41.1722, 51.0525)

Have a look what the booklet for  
XYZ(42.5376, 41.1722, 51.0525)  
contains.

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# **Color**

**XYZ(42.5376, 41.1722,  
51.0525)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAA6B8
RGB	186, 166, 184
RGB Percent	73%, 65%, 72%
CMY	0.2706, 0.3490, 0.2784
CMYK	0.00, 0.11, 0.01, 0.27
HSL	306°, 13%, 69%
HSV	306°, 11%, 73%
XYZ	42.5376, 41.1722, 51.0525
YIQ	174.0320, 6.1420, 9.8380

# Conversions

## Conversions Part 2

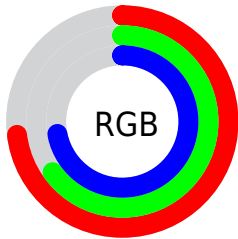
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	186, 166, 184
Decimal	12232376
CIE Lab	70.30, 10.49, -6.59
CIE LCh	70, 12.386, 327.865
Yxy	41.1722, 0.3156, 0.3055
Android (android.graphics.Color)	4290422456 (0xFFBAA6B8)
YUV	174.0320, 4.9142, 10.4959
Hunter-Lab	64.1656, 6.0442, -2.2574

# Details

The XYZ color **42.5376, 41.1722, 51.0525** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3542, 46.0530, 43.8100**, and the grayscale version is **40.2229, 42.3176, 46.0838**.

A 20% lighter version of the original color is **78.2026, 76.8814, 93.1560**, and **19.7869, 18.6599, 24.0316** is the 20% darker color. If you saturate the color by 10%, you get **39.2047, 34.8158, 48.9863**, and if you desaturate by 10%, it is **46.3644, 48.5111, 53.2970**.

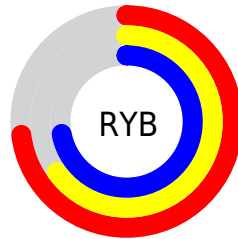
# Distribution



Red (73%)

Green (65%)

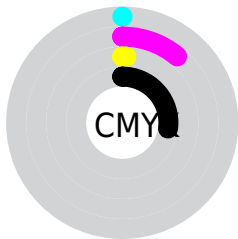
Blue (72%)



Red (73%)

Yellow (65%)

Blue (72%)

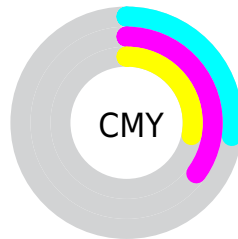


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (35%)


Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5376, 41.1722, 51.0525 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 42.5376, 41.1722, 51.0525 by changing the saturation by 10% instead.




 42.5376, 41.1722,  
51.0525


 42.5376, 41.1722,  
51.0525


347.6605,  
351.0398, 407.6201

 29.7154, 28.4537,  
35.8734


 78.2727, 76.9452,  
93.1447

 19.7697, 18.6679,  
24.0475

 101.9163,  
100.7685, 120.8948

 12.3350, 11.4306,  
15.1563


129.8978,  
129.0622, 153.6723

 7.0461, 6.3572,  
8.7813

162.5825,  
162.2106, 191.8958

 3.5375, 3.0635,  
4.5040

200.3357,  
200.5982, 235.9838

 1.4440, 1.1650,  
1.9057

243.5229,

 0.2872, 0.0328,

244.6093, 286.3548

0.4964

292.5094,  
294.6284, 343.4274

■ 0.0000, 0.0000,  
0.0000

■ 42.5376, 41.1722,  
51.0525

■ 42.5376, 41.1722,  
51.0525

■ 39.2047, 34.8158,  
48.9863

■ 46.3644, 48.5111,  
53.2970

■ 36.3413, 29.3949,  
47.0886

■ 50.7013, 56.8666,  
55.7238

■ 33.9261, 24.8665,  
45.3529

■ 55.5679, 66.2775,  
58.3399

■ 31.9349, 21.1819,  
43.7711

■ 60.9820, 76.7790,  
61.1512

■ 30.3412, 18.2882,  
42.3342

■ 65.6693, 85.8230,  
63.7332

■ 29.1154, 16.1263,  
41.0324

■ 65.8786, 85.9067,  
64.8353

■ 28.2237, 14.6286,  
39.8543

■ 66.0905, 85.9915,  
65.9513

■ 27.6263, 13.7156,  
38.7866

■ 66.3051, 86.0773,  
67.0811

■ 27.2620, 13.2441,  
37.8727

■ 66.5223, 86.1642,  
68.2248

# Harmonies

## Analogous

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



40.9887, 41.1722, 55.4738



42.5376, 41.1722, 51.0525



43.1710, 41.1722, 45.2479

# Triad

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



42.5376, 41.1722, 51.0525



39.2788, 41.1722, 34.5462



35.7776, 41.1722, 50.2687

# Complementary

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



42.5376, 41.1722, 51.0525



40.3542, 46.0530, 43.8100

# 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.



35.3549, 41.1722, 44.4137



42.5376, 41.1722, 51.0525



37.3340, 41.1722, 35.6422

# Square

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



42.5376, 41.1722, 51.0525



41.2494, 41.1722, 36.0013



35.9150, 41.1722, 39.1340



37.0901, 41.1722, 54.9944



# Rectangle

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



42.5376, 41.1722, 51.0525



42.9730, 41.1722, 41.4818



35.9150, 41.1722, 39.1340



35.5288, 41.1722, 48.3527

# Sweetspot

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



42.5388, 41.1740, 51.0534



82.3626, 84.7103, 95.6392



38.6493, 39.1445, 51.9735



18.0103, 18.4101, 20.9875



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.



42.5388, 41.1740, 51.0534



75.5327, 71.6276, 91.5838



41.5272, 40.7694, 45.7265



9.3412, 9.1468, 11.1440



18.3566, 8.9164, 25.5621



0.6584, 0.3188, 0.9605



# Inverse Universe

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



42.5388, 41.1740, 51.0534



75.5327, 71.6276, 91.5838



41.3220, 46.4401, 48.9066



9.3412, 9.1468, 11.1440



18.3566, 8.9164, 25.5621



0.6584, 0.3188, 0.9605



# Previews

## White Background



This preview shows how the XYZ color 42.5376, 41.1722, 51.0525 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

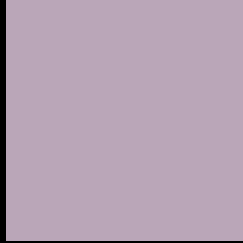
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 42.5376, 41.1722, 51.0525 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 42.5376, 41.1722, 51.0525**

## **Background**



This preview shows how black text looks on a background with the XYZ color 42.5376, 41.1722, 51.0525.



This preview shows how white text looks on a background with the XYZ color 42.5376, 41.1722,



# 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

42.5376, 41.1722, 51.0525

### Protanopia

40.3271, 41.3716, 52.8738

### Deuteranopia

41.9989, 41.1654, 51.0795



## Tritanopia

42.0645, 41.2470, 48.9244

# Trichromacy



## Original Color

42.5376, 41.1722, 51.0525

## Protanomaly

40.9554, 41.1512, 52.2388

## Deuteranomaly

42.2376, 41.2885, 51.0907

## Tritanomaly

42.1668, 41.2879, 49.4630

# Monochromacy



## Original Color

42.5376, 41.1722, 51.0525

## Achromatopsia

40.2316, 42.3268, 46.0938

## Achromatomaly

40.9589, 41.8051, 48.0299

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 42.5376, 41.1722, 51.0525 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(186, 166, 184)` looks like.

```
.text, #text, p{  
    color:rgb(186, 166, 184)  
}
```

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(186, 166, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 166, 184) }
```

## Border

The CSS property to change the border of an element to XYZ 42.5376, 41.1722, 51.0525 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(186, 166, 184) }
```



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

```
.border{ border-color:rgb(186, 166, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 166, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 166, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 166, 184);  
box-shadow:4px 4px 4px 4px rgb(186, 166,  
184) }
```

# Background

The CSS property to change the background color of an element to XYZ 42.5376, 41.1722, 51.0525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 166, 184) }
```

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

```
.background{ background-color: rgb(186,  
166, 184) }
```

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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