

Converting Colors

XYZ(42.9041, 41.9051, 51.1746)

Have a look what the booklet for
XYZ(42.9041, 41.9051, 51.1746)
contains.

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Color

**XYZ(42.9041, 41.9051,
51.1746)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA8B8
RGB	186, 168, 184
RGB Percent	73%, 66%, 72%
CMY	0.2706, 0.3412, 0.2784
CMYK	0.00, 0.10, 0.01, 0.27
HSL	307°, 12%, 69%
HSV	307°, 10%, 73%
XYZ	42.9041, 41.9051, 51.1746
YIQ	175.2060, 5.5920, 8.7920

Conversions

Conversions Part 2

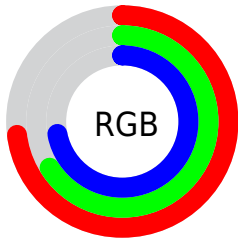
Format	Color
RYB	186, 168, 184
Decimal	12232888
CIELab	70.81, 9.39, -5.83
CIElCh	71, 11.055, 328.144
Yxy	41.9051, 0.3155, 0.3082
Android (android.graphics.Color)	4290422968 (0xFFBAA8B8)
YUV	175.2060, 4.3354, 9.4663
Hunter-Lab	64.7341, 5.0204, -1.5569

Details

The XYZ color **42.9041, 41.9051, 51.1746** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.9647, 46.3461, 44.8191**, and the grayscale version is **40.8315, 42.9579, 46.7812**.

A 20% lighter version of the original color is **78.7338, 77.9439, 93.3330**, and **20.0150, 19.1160, 24.1076** is the 20% darker color. If you saturate the color by 10%, you get **39.4982, 35.4370, 48.9784**, and if you desaturate by 10%, it is **46.8068, 49.3604, 53.5530**.

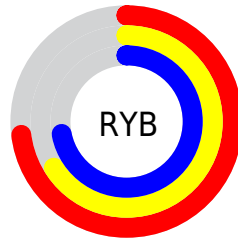
Distribution



Red (73%)

Green (66%)

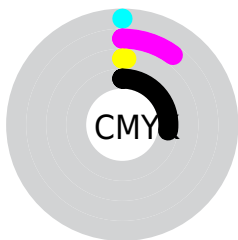
Blue (72%)



Red (73%)

Yellow (66%)

Blue (72%)

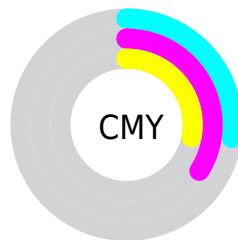


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9041, 41.9051, 51.1746 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 42.9041, 41.9051, 51.1746 by changing the saturation by 10% instead.

■ 42.9041, 41.9051,
51.1746

■ 42.9041, 41.9051,
51.1746

349.1454,
354.0894, 408.1077

■ 30.0041, 29.0270,
35.9699

■ 78.8227, 78.0560,
93.3270

■ 19.9898, 19.1012,
24.1214

■ 102.5721,
102.0975, 121.1117

■ 12.4958, 11.7435,
15.2107

130.6685,
130.6290, 153.9268

■ 7.1569, 6.5692,
8.8191

163.4775,
164.0349, 192.1909

■ 3.6076, 3.1942,
4.5282

201.3643,
202.6994, 236.3225

■ 1.4826, 1.2339,
1.9194

244.6943,

■ 0.3140, 0.0892,

247.0071, 286.7401

0.5050

293.8329,
297.3423, 343.8623

■ 0.0000, 0.0000,
0.0000

■ 42.9041, 41.9051,
51.1746

■ 42.9041, 41.9051,
51.1746

■ 39.4982, 35.4370,
48.9784

■ 46.8068, 49.3604,
53.5530

■ 36.5647, 29.9092,
46.9547

■ 51.2221, 57.8366,
56.1175

■ 34.0825, 25.2790,
45.0970

■ 56.1697, 67.3723,
58.8752

■ 32.0276, 21.4984,
43.3971

■ 61.6672, 78.0026,
61.8320

■ 30.3737, 18.5149,
41.8462

■ 65.7856, 85.8695,
64.3450

■ 29.0916, 16.2700,
40.4346

■ 66.0199, 85.9632,
65.5792

■ 28.1482, 14.6975,
39.1511

■ 66.2576, 86.0583,
66.8306

■ 27.5043, 13.7191,
37.9826

■ 66.4985, 86.1546,
68.0991

■ 27.0842, 13.1834,
36.9038

■ 66.7426, 86.2523,
69.3848

Harmonies

Analogous

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



41.5181, 41.9051, 55.1362



42.9041, 41.9051, 51.1746



43.4633, 41.9051, 45.9557

Triad

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



42.9041, 41.9051, 51.1746



39.9440, 41.9051, 36.2497



36.7969, 41.9051, 50.5649

Complementary

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



42.9041, 41.9051, 51.1746



40.9647, 46.3461, 44.8191

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.



36.4041, 41.9051, 45.3009



42.9041, 41.9051, 51.1746



38.1874, 41.9051, 37.2802

Square

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



42.9041, 41.9051, 51.1746



41.7220, 41.9051, 37.5671



36.9055, 41.9051, 40.4965



37.9952, 41.9051, 54.7656

Rectangle

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



42.9041, 41.9051, 51.1746



43.2795, 41.9051, 42.5508



36.9055, 41.9051, 40.4965



36.5680, 41.9051, 48.8492

Sweetspot

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



42.9053, 41.9069, 51.1755



82.3505, 84.7055, 95.5753



39.4018, 40.0764, 52.1139



18.0069, 18.4088, 20.9697



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.



42.9053, 41.9069, 51.1755



76.1262, 72.8337, 91.7222



42.0113, 41.5493, 46.4677



9.3368, 9.1451, 11.1209



18.2298, 8.8657, 24.8948



0.6550, 0.3175, 0.9426

Inverse Universe

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



42.9053, 41.9069, 51.1755



76.1262, 72.8337, 91.7222



41.8253, 46.6904, 49.3509



9.3368, 9.1451, 11.1209



18.2298, 8.8657, 24.8948



0.6550, 0.3175, 0.9426

Previews

White Background



This preview shows how the XYZ color 42.9041, 41.9051, 51.1746 looks on a white background.

Color Contrast Check

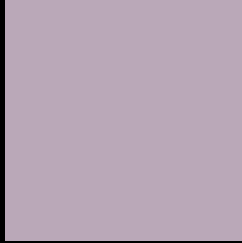
Large Text (above 18pt) WCAG AA × Fail

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 42.9041, 41.9051, 51.1746 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 42.9041, 41.9051, 51.1746

Background



This preview shows how black text looks on a background with the XYZ color 42.9041, 41.9051, 51.1746.



This preview shows how white text looks on a background with the XYZ color 42.9041, 41.9051,

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

42.9041, 41.9051, 51.1746

Protanopia

40.9557, 41.9771, 52.9575

Deuteranopia

42.6619, 41.7802, 51.1633



Tritanopia

42.6958, 41.8218, 50.0781

Trichromacy



Original Color

42.9041, 41.9051, 51.1746

Protanomaly

41.7859, 42.1360, 52.3851

Deuteranomaly

42.6619, 41.7802, 51.1633

Tritanomaly

42.7996, 41.8633, 50.6244

Monochromacy



Original Color

42.9041, 41.9051, 51.1746

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3788, 42.3031, 48.1039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9041, 41.9051, 51.1746 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, 168, 184)` looks like.

```
.text, #text, p{  
    color:rgb(186, 168, 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, 168, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 168, 184) }
```

Border

The CSS property to change the border of an element to XYZ 42.9041, 41.9051, 51.1746 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, 168, 184) }
```


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

```
.border{ border-color:rgb(186, 168, 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, 168, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 168, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 168, 184);  
box-shadow:4px 4px 4px 4px rgb(186, 168,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9041, 41.9051, 51.1746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 168, 184) }
```

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

```
.background{ background-color: rgb(186,  
168, 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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