

Converting Colors

XYZ(42.5874, 41.1037, 51.3195)

Have a look what the booklet for
XYZ(42.5874, 41.1037, 51.3195)
contains.

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Color

**XYZ(42.6429, 41.2143,
51.6066)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA6B9
RGB	186, 166, 185
RGB Percent	73%, 65%, 73%
CMY	0.2706, 0.3490, 0.2745
CMYK	0.00, 0.11, 0.01, 0.27
HSL	303°, 13%, 69%
HSV	303°, 11%, 73%
XYZ	42.6429, 41.2143, 51.6066
YIQ	174.1460, 5.8210, 10.1490

Conversions

Conversions Part 2

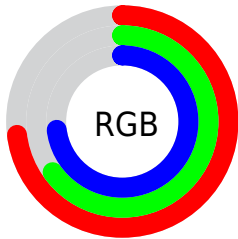
Format	Color
R _Y B	186, 166, 185
Decimal	12232377
CIE Lab	70.33, 10.68, -7.10
CIE LCh	70, 12.821, 326.386
Yxy	41.2143, 0.3148, 0.3042
Android (android.graphics.Color)	4290422457 (0xFFBAA6B9)
YUV	174.1460, 5.3510, 10.3960
Hunter-Lab	64.1984, 6.2191, -2.7221

Details

The XYZ color **42.6429, 41.2143, 51.6066** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2614, 46.0160, 43.3214**, and the grayscale version is **40.2794, 42.3771, 46.1486**.

A 20% lighter version of the original color is **78.3516, 76.9410, 93.9406**, and **19.8550, 18.6871, 24.3903** is the 20% darker color. If you saturate the color by 10%, you get **39.4059, 34.8963, 50.0451**, and if you desaturate by 10%, it is **46.3720, 48.5142, 53.3363**.

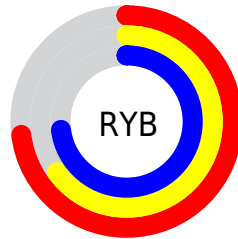
Distribution



Red (73%)

Green (65%)

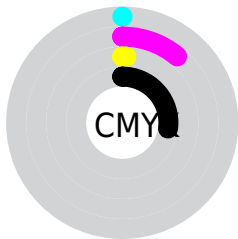
Blue (73%)



Red (73%)

Yellow (65%)

Blue (73%)

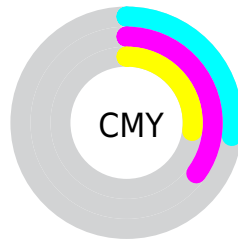


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6429, 41.2143, 51.6066 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 42.6429, 41.2143, 51.6066 by changing the saturation by 10% instead.


 42.6429, 41.2143,
51.6066


 42.6429, 41.2143,
51.6066


348.0876,
351.2155, 409.8296

 29.7983, 28.4866,
36.3115


 78.4308, 77.0091,
93.9715

 19.8329, 18.6928,
24.3833

 102.1048,
100.8450, 121.8783

 12.3812, 11.4485,
15.4034

130.1194,
129.1523, 154.8262

 7.0779, 6.3693,
8.9532

162.8398,
162.3156, 193.2336

 3.5576, 3.0709,
4.6143

200.6315,
200.7191, 237.5191

 1.4550, 1.1689,
1.9680

243.8598,

 0.2949, 0.0361,

244.7474, 288.1013

0.5355

292.8900,
294.7847, 345.3986

■ 0.0000, 0.0000,
0.0000

■ 42.6429, 41.2143,
51.6066

■ 42.6429, 41.2143,
51.6066

■ 39.4059, 34.8963,
50.0451

■ 46.3720, 48.5142,
53.3363

■ 36.6364, 29.5129,
48.6420

■ 50.6092, 56.8298,
55.2381

■ 34.3132, 25.0213,
47.3910

■ 55.3742, 66.2000,
57.3190

■ 32.4122, 21.3728,
46.2837

■ 60.6846, 76.6601,
59.5849

■ 30.9067, 18.5144,
45.3115

■ 65.2664, 85.6618,
61.6111

■ 29.7672, 16.3870,
44.4644

■ 65.3682, 85.7025,
62.1471

■ 28.9600, 14.9232,
43.7312

■ 65.4707, 85.7435,
62.6866

■ 28.4452, 14.0431,
43.0987

■ 65.5738, 85.7848,
63.2296

■ 28.1557, 13.6016,
42.5786

■ 65.6775, 85.8263,
63.7759

Harmonies

Analogous

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



41.0002, 41.2143, 56.0867



42.6429, 41.2143, 51.6066



43.3549, 41.2143, 45.6105

Triad

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



42.6429, 41.2143, 51.6066



39.4288, 41.2143, 34.2678



35.6562, 41.2143, 50.2291

Complementary

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



42.6429, 41.2143, 51.6066



40.2614, 46.0160, 43.3214

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.



35.2690, 41.2143, 44.1482



42.6429, 41.2143, 51.6066



37.4008, 41.2143, 35.2675

Square

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



42.6429, 41.2143, 51.6066



41.4577, 41.2143, 35.8938



35.8965, 41.2143, 38.7565



36.9737, 41.2143, 55.2426

Rectangle

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



42.6429, 41.2143, 51.6066



43.1877, 41.2143, 41.6827



35.8965, 41.2143, 38.7565



35.4150, 41.2143, 48.2271

Sweetspot

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



42.6441, 41.2161, 51.6075



82.4171, 84.7321, 95.9261



38.4373, 39.0351, 51.9638



18.0254, 18.4162, 21.0674



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.



42.6441, 41.2161, 51.6075



75.7665, 71.7211, 92.8148



41.6252, 40.8085, 46.2419



9.3610, 9.1548, 11.2485



18.9504, 9.1539, 28.6895



0.6740, 0.3251, 1.0428

Inverse Universe

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



42.6441, 41.2161, 51.6075



75.7665, 71.7211, 92.8148



41.2221, 46.4003, 48.3799



9.3610, 9.1548, 11.2485



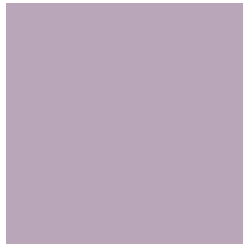
18.9504, 9.1539, 28.6895



0.6740, 0.3251, 1.0428

Previews

White Background



This preview shows how the XYZ color 42.6429, 41.2143, 51.6066 looks on a white background.

Color Contrast Check

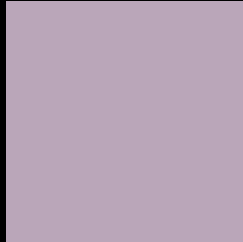
Large Text (above 18pt) WCAG AA × Fail

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 42.6429, 41.2143, 51.6066 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 42.6429, 41.2143, 51.6066

Background



This preview shows how black text looks on a background with the XYZ color 42.6429, 41.2143, 51.6066.



This preview shows how white text looks on a background with the XYZ color 42.6429, 41.2143,

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

42.6429, 41.2143, 51.6066

Protanopia

40.2176, 41.3027, 53.4295

Deuteranopia

42.1041, 41.2075, 51.6337



Tritanopia

42.0645, 41.2470, 48.9244

Trichromacy



Original Color

42.6429, 41.2143, 51.6066

Protanomaly

41.0621, 41.1939, 52.8007

Deuteranomaly

42.3428, 41.3306, 51.6448

Tritanomaly

42.2698, 41.3291, 50.0054

Monochromacy



Original Color

42.6429, 41.2143, 51.6066

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 42.6429, 41.2143, 51.6066 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(186, 166, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 166, 185) }
```

Border

The CSS property to change the border of an element to XYZ 42.6429, 41.2143, 51.6066 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, 185) }
```


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

```
.border{ border-color:rgb(186, 166, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 166, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 166, 185);  
box-shadow:4px 4px 4px 4px rgb(186, 166,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6429, 41.2143, 51.6066 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, 185) }
```

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

```
.background{ background-color: rgb(186,  
166, 185) }
```

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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