

Converting Colors

XYZ(50.1725, 51.6721, 68.3021)

Have a look what the booklet for
XYZ(50.1725, 51.6721, 68.3021)
contains.

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Color

**XYZ(50.0802, 51.4874,
68.2713)**

Conversions

Conversions Part 1

Format	Color
Hex	BABDD2
RGB	186, 189, 210
RGB Percent	73%, 74%, 82%
CMY	0.2706, 0.2588, 0.1765
CMYK	0.11, 0.10, 0.00, 0.18
HSL	232°, 21%, 78%
HSV	232°, 11%, 82%
XYZ	50.0802, 51.4874, 68.2713
YIQ	190.4970, -8.5290, 5.8950

Conversions

Conversions Part 2

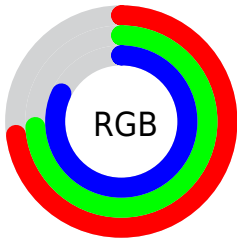
Format	Color
RYB	186, 189, 210
Decimal	12238290
CIELab	76.97, 3.10, -10.88
CIELCh	77, 11.314, 285.881
Yxy	51.4874, 0.2949, 0.3032
Android (android.graphics.Color)	4290428370 (0xFFBABDD2)
YUV	190.4970, 9.6150, -3.9439
Hunter-Lab	71.7547, -0.9892, -6.1834

Details

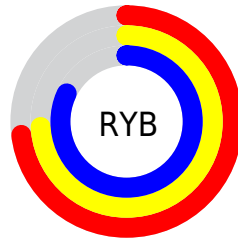
The XYZ color **50.0802, 51.4874, 68.2713** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7545, 61.8724, 55.3542**, and the grayscale version is **49.1812, 51.7424, 56.3475**.

A 20% lighter version of the original color is **87.3204, 91.4021, 107.6478**, and **24.4778, 24.9952, 34.9869** is the 20% darker color. If you saturate the color by 10%, you get **41.6438, 41.6393, 66.8159**, and if you desaturate by 10%, it is **59.7702, 62.7277, 69.9310**.

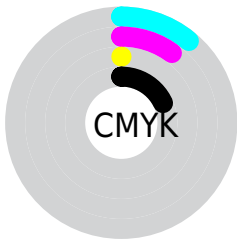
Distribution



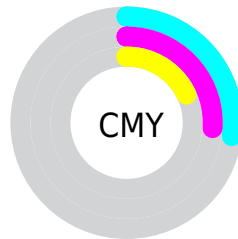
- Red (73%)
- Green (74%)
- Blue (82%)



- Red (73%)
- Yellow (74%)
- Blue (82%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0802, 51.4874, 68.2713 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 50.0802, 51.4874, 68.2713 by changing the saturation by 10% instead.

■ 50.0802, 51.4874,
68.2713

■ 50.0802, 51.4874,
68.2713

377.4263,
392.4545, 473.0808

■ 35.6952, 36.5967,
49.6504

■ 89.4848, 92.3748,
118.3981

■ 24.3679, 24.8953,
34.7665

115.2351,
119.1403, 150.7410

■ 15.7330, 15.9991,
23.2009

145.5045,
150.6328, 188.4951

■ 9.4250, 9.5235,
14.5352

180.6585,
187.2367, 232.0788

■ 5.0788, 5.0842,
8.3509

221.0623,
229.3364, 281.9106

■ 2.3288, 2.2968,
4.2293

267.0813,

■ 0.8093, 0.7720,

277.3164, 338.4092

1.7520

319.0808,
331.5609, 401.9931

■ 0.0000, 0.0000,
0.3960

■ 0.0000, 0.0000,
0.0000

■ 50.0802, 51.4874,
68.2713

■ 50.0802, 51.4874,
68.2713

■ 41.6438, 41.6393,
66.8159

■ 59.7702, 62.7277,
69.9310

■ 34.4050, 33.1228,
65.5536

■ 70.7573, 75.4049,
71.7988

■ 28.3107, 25.8825,
64.4772

■ 83.0889, 89.5695,
73.8829

■ 23.3018, 19.8564,
63.5781

■ 88.6330, 97.4332,
75.1086

■ 19.3139, 14.9774,
62.8465

■ 16.2756, 11.1719,
62.2721

■ 14.1062, 8.3574,
61.8432

■ 12.7111, 6.4390,
61.5465

■ 12.0084, 5.4039,
61.3837

Harmonies

Analogous

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



47.9331, 51.4874, 68.3791



50.0802, 51.4874, 68.2713



51.9735, 51.4874, 64.7376

Triad

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



50.0802, 51.4874, 68.2713



51.8798, 51.4874, 47.9637



45.0266, 51.4874, 53.2148

Complementary

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



50.0802, 51.4874, 68.2713



57.7545, 61.8724, 55.3542

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.



46.0215, 51.4874, 48.1966



50.0802, 51.4874, 68.2713



49.9553, 51.4874, 45.3190

Square

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



50.0802, 51.4874, 68.2713



53.0332, 51.4874, 52.8751



47.8118, 51.4874, 45.4010



45.0578, 51.4874, 59.3724

Rectangle

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



50.0802, 51.4874, 68.2713



52.8186, 51.4874, 61.0531



47.8118, 51.4874, 45.4010



45.2508, 51.4874, 51.3488

Sweetspot

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



50.0817, 51.4896, 68.2724



90.1932, 94.3815, 108.0715



54.5353, 61.0284, 67.8096



19.0339, 19.8875, 23.0854



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



50.0817, 51.4896, 68.2724



73.9464, 75.5120, 105.2856



51.6469, 51.3477, 68.1626



11.2812, 11.6526, 14.8982



7.3650, 3.3766, 37.4561



0.4521, 0.2695, 2.1078

Inverse Universe

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



53.3238, 52.4949, 55.4685



80.0726, 77.4488, 81.0832



56.0517, 62.0845, 55.4849



11.8681, 11.8320, 12.5810



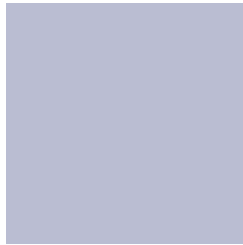
16.3482, 8.4121, 1.4740



0.9345, 0.4785, 0.1897

Previews

White Background



This preview shows how the XYZ color 50.0802, 51.4874, 68.2713 looks on a white background.

Color Contrast Check

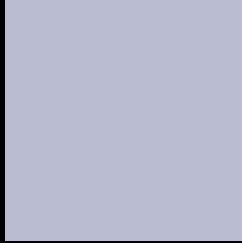
Large Text (above 18pt) WCAG AA × Fail

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 50.0802, 51.4874, 68.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

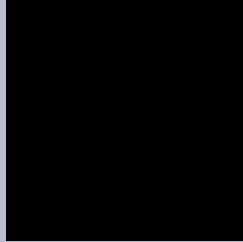
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0802, 51.4874, 68.2713

Background



This preview shows how black text looks on a background with the XYZ color 50.0802, 51.4874, 68.2713.



This preview shows how white text looks on a background with the XYZ color 50.0802, 51.4874,

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

50.0802, 51.4874, 68.2713

Protanopia

50.3240, 51.6131, 68.2827

Deuteranopia

52.6600, 51.5432, 68.8014



Tritanopia

49.4405, 51.5490, 65.1018

Trichromacy



Original Color

50.0802, 51.4874, 68.2713

Protanomaly

50.3240, 51.6131, 68.2827

Deuteranomaly

51.5649, 51.2903, 68.8103

Tritanomaly

49.6835, 51.6462, 66.3816

Monochromacy



Original Color

50.0802, 51.4874, 68.2713

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.5928, 51.7229, 60.7958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0802, 51.4874, 68.2713 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, 189, 210)` looks like.

```
.text, #text, p{  
    color:rgb(186, 189, 210)  
}
```

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, 189, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 189, 210) }
```

Border

The CSS property to change the border of an element to XYZ 50.0802, 51.4874, 68.2713 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, 189, 210) }
```


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

```
.border{ border-color:rgb(186, 189, 210) }
```

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

Here you see how a box with a 4 pixel rgb(186, 189, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 189, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 189, 210);  
box-shadow:4px 4px 4px 4px rgb(186, 189,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0802, 51.4874, 68.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 189, 210) }
```

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

```
.background{ background-color: rgb(186,  
189, 210) }
```

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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