

Converting Colors

XYZ(51.4431, 50.0872, 50.6734)

Have a look what the booklet for
XYZ(51.4431, 50.0872, 50.6734)
contains.

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Color

**XYZ(51.4427, 50.0856,
50.6722)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B5B5
RGB	210, 181, 181
RGB Percent	82%, 71%, 71%
CMY	0.1765, 0.2902, 0.2902
CMYK	0.00, 0.14, 0.14, 0.18
HSL	0°, 24%, 77%
HSV	0°, 14%, 82%
XYZ	51.4427, 50.0856, 50.6722
YIQ	189.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

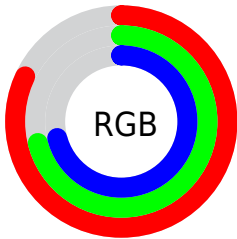
Format	Color
R _Y B	210, 181, 181
Decimal	13809077
CIE Lab	76.12, 10.40, 3.84
CIE LCh	76, 11.083, 20.282
Yxy	50.0856, 0.3380, 0.3291
Android (android.graphics.Color)	4291999157 (0xFFD2B5B5)
YUV	189.6710, -4.2748, 17.8285
Hunter-Lab	70.7712, 5.8999, 7.0882

Details

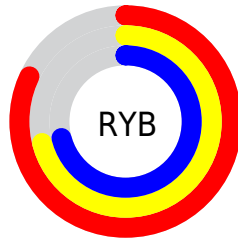
The XYZ color **51.4427, 50.0856, 50.6722** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.7351, 60.5687, 69.8320**, and the grayscale version is **48.7723, 51.3123, 55.8791**.

A 20% lighter version of the original color is **86.8102, 87.9428, 92.5200**, and **25.1330, 23.9654, 23.7232** is the 20% darker color. If you saturate the color by 10%, you get **45.4960, 41.3842, 38.8483**, and if you desaturate by 10%, it is **58.3605, 60.2083, 64.4234**.

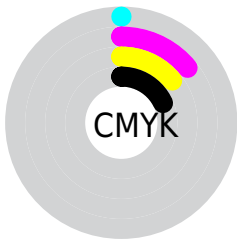
Distribution



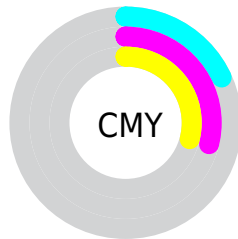
- Red (82%)
- Green (71%)
- Blue (71%)



- Red (82%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (18%)



- Cyan (18%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4427, 50.0856, 50.6722 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 51.4427, 50.0856, 50.6722 by changing the saturation by 10% instead.


 51.4427, 50.0856,
50.6722

 51.4427, 50.0856,
50.6722

382.6407,
387.0006, 406.0990

 36.7835, 35.4814,
35.5729

 91.4879, 90.3017,
92.5766

 25.2128, 24.0340,
23.8174


117.6047,
116.6824, 120.2187

 16.3653, 15.3588,
14.9873

148.2713,
147.7574, 152.8789

 9.8755, 9.0716,
8.6639

183.8533,
183.9111, 190.9756

 5.3781, 4.7879,
4.4288

224.7158,
225.5278, 234.9275

 2.5078, 2.1234,
1.8634

271.2243,

 0.8992, 0.6777,

272.9921, 285.1529

0.4693

323.7442,
326.6882, 342.0706

■ 0.0000, 0.0000,
0.0000

■ 51.4427, 50.0856,
50.6722

■ 51.4427, 50.0856,
50.6722

■ 45.4960, 41.3842,
38.8483

■ 58.3605, 60.2083,
64.4234

■ 40.4730, 34.0342,
28.8626

■ 66.2856, 71.8047,
80.1791

■ 36.3286, 27.9698,
20.6238

■ 75.2577, 84.9330,
98.0163

■ 33.0125, 23.1172,
14.0316

■ 80.3885, 92.4417,
108.2139

■ 30.4688, 19.3951,
8.9754

■ 28.6354, 16.7120,
5.3310

■ 27.4400, 14.9627,
2.9553

■ 26.7955, 14.0193,
1.6745

■ 26.5789, 13.7024,
1.2440

Harmonies

Analogous

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



51.6430, 50.0856, 56.4845



51.4427, 50.0856, 50.6722



50.1978, 50.0856, 46.2161

Triad

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



51.4427, 50.0856, 50.6722



44.6040, 50.0856, 47.5601



46.9352, 50.0856, 66.5789

Complementary

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



51.4427, 50.0856, 50.6722



53.7351, 60.5687, 69.8320

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.



45.1028, 50.0856, 63.7960



51.4427, 50.0856, 50.6722



43.7829, 50.0856, 52.6303

Square

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



51.4427, 50.0856, 50.6722



46.2364, 50.0856, 44.5118



43.9628, 50.0856, 58.5887



49.0001, 50.0856, 65.9594

Rectangle

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



51.4427, 50.0856, 50.6722



48.9625, 50.0856, 44.4782



43.9628, 50.0856, 58.5887



46.2726, 50.0856, 66.0031

Sweetspot

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



51.4441, 50.0878, 50.6733



90.2833, 93.0251, 99.4234



54.7356, 51.4032, 68.0102



19.1386, 19.6394, 20.9115



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.



51.4441, 50.0878, 50.6733



76.5371, 72.9109, 72.0954



54.5467, 56.2931, 51.7075



11.8089, 11.8085, 12.2689



16.2126, 8.3583, 0.7588



0.9066, 0.4674, 0.0424

Inverse Universe

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



53.7351, 60.5687, 69.8320



80.8587, 92.6814, 108.2353



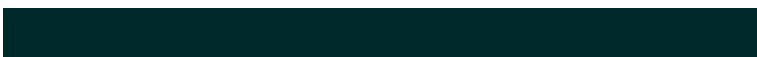
50.3168, 53.7322, 68.6926



12.1583, 13.4068, 15.1906



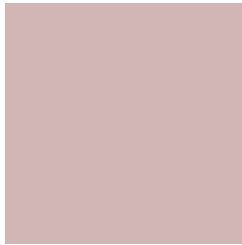
21.1498, 30.9461, 42.0510



1.1826, 1.7304, 2.3512

Previews

White Background



This preview shows how the XYZ color 51.4427, 50.0856, 50.6722 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 51.4427, 50.0856, 50.6722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

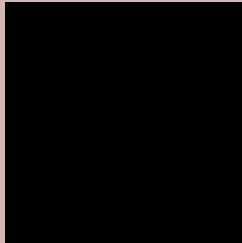
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4427, 50.0856, 50.6722

Background



This preview shows how black text looks on a background with the XYZ color 51.4427, 50.0856, 50.6722.



This preview shows how white text looks on a background with the XYZ color 51.4427, 50.0856,

50.6722.

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

51.4427, 50.0856, 50.6722

Protanopia

48.1603, 50.2078, 52.5002

Deuteranopia

51.3629, 50.3474, 50.7270



Tritanopia

52.8971, 50.0875, 57.3320

Trichromacy



Original Color

51.4427, 50.0856, 50.6722

Protanomaly

49.4494, 50.2589, 51.8944

Deuteranomaly

51.3629, 50.3474, 50.7270

Tritanomaly

52.3705, 50.1655, 55.0668

Monochromacy



Original Color

51.4427, 50.0856, 50.6722

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.7659, 50.9988, 54.2345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4427, 50.0856, 50.6722 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(210, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(210, 181, 181)  
}
```

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(210, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 181, 181) }
```

Border

The CSS property to change the border of an element to XYZ 51.4427, 50.0856, 50.6722 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(210, 181, 181) }
```


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

```
.border{ border-color:rgb(210, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(210, 181,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4427, 50.0856, 50.6722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 181, 181) }
```

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

```
.background{ background-color: rgb(210,  
181, 181) }
```

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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