

Converting Colors

XYZ(51.0298, 52.8578, 62.7407)

Have a look what the booklet for
XYZ(51.0298, 52.8578, 62.7407)
contains.

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Color

**XYZ(50.9116, 52.6851,
62.7443)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BFC9
RGB	192, 191, 201
RGB Percent	75%, 75%, 79%
CMY	0.2471, 0.2510, 0.2118
CMYK	0.04, 0.05, 0.00, 0.21
HSL	246°, 8%, 77%
HSV	246°, 5%, 79%
XYZ	50.9116, 52.6851, 62.7443
YIQ	192.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

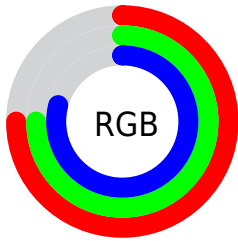
Format	Color
RYB	192, 191, 201
Decimal	12632009
CIELab	77.69, 2.23, -4.90
CIElCh	78, 5.385, 294.522
Yxy	52.6851, 0.3061, 0.3167
Android (android.graphics.Color)	4290822089 (0xFFC0BFC9)
YUV	192.4390, 4.2206, -0.3850
Hunter-Lab	72.5845, -1.8209, -0.4430

Details

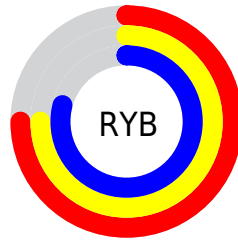
The XYZ color **50.9116, 52.6851, 62.7443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1121, 57.8157, 57.6004**, and the grayscale version is **50.3380, 52.9595, 57.6728**.

A 20% lighter version of the original color is **90.0222, 93.6980, 107.9486**, and **25.0024, 25.7725, 31.2606** is the 20% darker color. If you saturate the color by 10%, you get **42.5221, 42.2946, 61.1817**, and if you desaturate by 10%, it is **60.4692, 64.5736, 64.5361**.

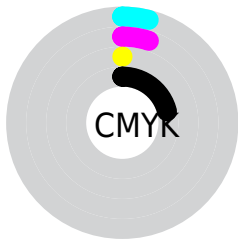
Distribution



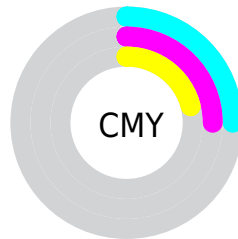
- Red (75%)
- Green (75%)
- Blue (79%)



- Red (75%)
- Yellow (75%)
- Blue (79%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (25%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9116, 52.6851, 62.7443 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 50.9116, 52.6851, 62.7443 by changing the saturation by 10% instead.

■ 50.9116, 52.6851,
62.7443

■ 50.9116, 52.6851,
62.7443

380.6136,
397.0758, 452.7233

■ 36.3590, 37.5514,
45.1947

□ 90.7079, 94.1408,
110.3825

■ 24.8830, 25.6347,
31.2668

116.6822,
121.2317, 141.3083

■ 16.1182, 16.5506,
20.5419

147.1946,
153.0771, 177.5298

■ 9.6992, 9.9146,
12.6016

182.6103,
190.0614, 219.4657

■ 5.2607, 5.3424,
7.0273

223.2947,
232.5691, 267.5344

■ 2.4373, 2.4495,
3.4005

269.6131,

■ 0.8638, 0.8512,

280.9844, 322.1546

1.3026

321.9310,
335.6919, 383.7447

■ 0.0000, 0.0000,
0.0639

■ 0.0000, 0.0000,
0.0000

■ 50.9116, 52.6851,
62.7443

■ 50.9116, 52.6851,
62.7443

■ 42.5221, 42.2946,
61.1817

■ 60.4692, 64.5736,
64.5361

■ 35.2513, 33.3363,
59.8358

■ 71.2324, 78.0093,
66.5621

■ 29.0532, 25.7492,
58.6980

■ 83.2431, 93.0474,
68.8318

■ 23.8768, 19.4655,
57.7580

■ 87.5428, 96.9971,
69.3675

■ 19.6669, 14.4116,
57.0043

■ 16.3631, 10.5065,
56.4247

■ 13.8982, 7.6594,
56.0051

■ 12.1952, 5.7659,
55.7294

■ 11.1630, 4.6996,
55.5780

Harmonies

Analogous

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



49.8846, 52.6851, 63.2673



50.9116, 52.6851, 62.7443



51.7246, 52.6851, 60.7595

Triad

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



50.9116, 52.6851, 62.7443



51.2472, 52.6851, 52.8191



48.1080, 52.6851, 56.8192

Complementary

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



50.9116, 52.6851, 62.7443



54.1121, 57.8157, 57.6004

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.



48.4620, 52.6851, 54.0996



50.9116, 52.6851, 62.7443



50.2671, 52.6851, 51.8420

Square

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



50.9116, 52.6851, 62.7443



51.9202, 52.6851, 55.0169



49.2488, 52.6851, 52.3025



48.2752, 52.6851, 59.7792

Rectangle

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



50.9116, 52.6851, 62.7443



52.0310, 52.6851, 58.9097



49.2488, 52.6851, 52.3025



48.1698, 52.6851, 55.8478

Sweetspot

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



50.9131, 52.6873, 62.7455



93.4023, 97.9510, 108.5913



52.7231, 56.6806, 63.4208



20.0093, 20.9871, 23.2463



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.



50.9131, 52.6873, 62.7455



85.4745, 88.1042, 107.1086



52.1576, 53.3289, 62.8037



10.6760, 10.9854, 13.4752



6.8471, 2.7641, 34.9170



0.3584, 0.1485, 1.6549

Inverse Universe

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



53.1454, 53.8516, 62.2398



90.1172, 90.5258, 106.0489



52.8410, 57.1605, 57.5409



11.3050, 11.3135, 13.3312



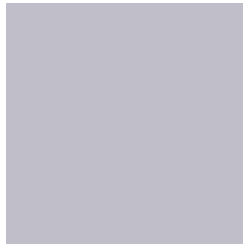
20.4061, 9.9120, 28.4122



0.9798, 0.4747, 1.4165

Previews

White Background



This preview shows how the XYZ color 50.9116, 52.6851, 62.7443 looks on a white background.

Color Contrast Check

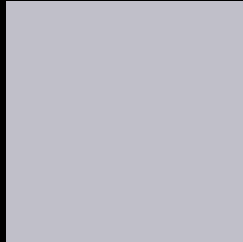
Large Text (above 18pt) WCAG AA × Fail

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 50.9116, 52.6851, 62.7443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

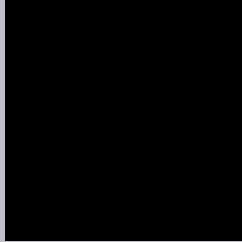
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9116, 52.6851, 62.7443

Background



This preview shows how black text looks on a background with the XYZ color 50.9116, 52.6851, 62.7443.

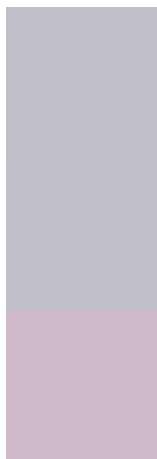


This preview shows how white text looks on a background with the XYZ color 50.9116, 52.6851,

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

50.9116, 52.6851, 62.7443

Protanopia

51.1657, 52.8161, 62.7561

Deuteranopia

53.6732, 52.5039, 63.1825



Tritanopia

51.4252, 52.5721, 65.1946

Trichromacy



Original Color

50.9116, 52.6851, 62.7443

Protanomaly

51.1657, 52.8161, 62.7561

Deuteranomaly

52.7313, 52.6482, 63.2600

Tritanomaly

51.3049, 52.5240, 64.5608

Monochromacy



Original Color

50.9116, 52.6851, 62.7443

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.4382, 52.8459, 59.1717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9116, 52.6851, 62.7443 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(192, 191, 201)` looks like.

```
.text, #text, p{  
    color:rgb(192, 191, 201)  
}
```

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(192, 191, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 191, 201) }
```

Border

The CSS property to change the border of an element to XYZ 50.9116, 52.6851, 62.7443 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(192, 191, 201) }
```


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

```
.border{ border-color:rgb(192, 191, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 191, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 191, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 191, 201);  
box-shadow:4px 4px 4px 4px rgb(192, 191,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9116, 52.6851, 62.7443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 191, 201) }
```

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

```
.background{ background-color: rgb(192,  
191, 201) }
```

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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