

Converting Colors

XYZ(50.6699, 52.7668, 49.8624)

Have a look what the booklet for
XYZ(50.6699, 52.7668, 49.8624)
contains.

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Color

**XYZ(50.7541, 52.8935,
49.6539)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BFB2
RGB	201, 191, 178
RGB Percent	79%, 75%, 70%
CMY	0.2118, 0.2510, 0.3020
CMYK	0.00, 0.05, 0.11, 0.21
HSL	34°, 18%, 74%
HSV	34°, 11%, 79%
XYZ	50.7541, 52.8935, 49.6539
YIQ	192.5080, 10.1330, -1.9230

Conversions

Conversions Part 2

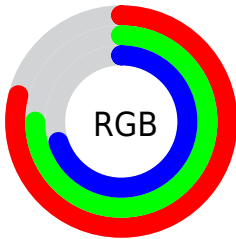
Format	Color
RYB	196, 201, 178
Decimal	13221810
CIELab	77.81, 1.28, 7.80
CIElCh	78, 7.907, 80.654
Yxy	52.8935, 0.3311, 0.3450
Android (android.graphics.Color)	4291411890 (0xFFC9BFB2)
YUV	192.5080, -7.1524, 7.4475
Hunter-Lab	72.7279, -2.7054, 10.4302

Details

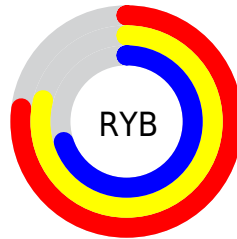
The XYZ color **50.7541, 52.8935, 49.6539** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.8858, 49.6475, 62.3707**, and the grayscale version is **50.4376, 53.0643, 57.7870**.

A 20% lighter version of the original color is **89.3520, 93.7220, 91.2227**, and **24.8228, 25.8607, 23.0853** is the 20% darker color. If you saturate the color by 10%, you get **47.0338, 48.4492, 39.1759**, and if you desaturate by 10%, it is **54.8867, 57.6881, 61.7296**.

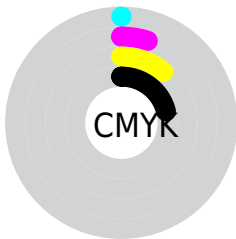
Distribution



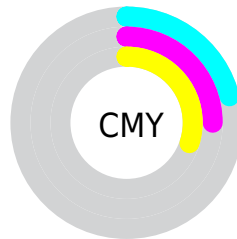
- Red (79%)
- Green (75%)
- Blue (70%)



- Red (77%)
- Yellow (79%)
- Blue (70%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (21%)



- Cyan (21%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7541, 52.8935, 49.6539 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 50.7541, 52.8935, 49.6539 by changing the saturation by 10% instead.

■ 50.7541, 52.8935,
49.6539

■ 50.7541, 52.8935,
49.6539

380.0111,
397.8764, 402.0072

■ 36.2332, 37.7178,
34.7692

■ 90.4763, 94.4476,
91.0529

■ 24.7853, 25.7637,
23.2030

116.4084,
121.5948, 118.4043

■ 16.0450, 16.6470,
14.5368

146.8749,
153.5013, 150.7483

■ 9.6471, 9.9831,
8.3520

182.2411,
190.5514, 188.5035

■ 5.2261, 5.3878,
4.2300

222.8725,
233.1296, 232.0885

■ 2.4166, 2.4765,
1.7523

269.1344,

■ 0.8534, 0.8648,

281.6202, 281.9217

0.3962

321.3921,
336.4077, 338.4218

■ 0.0000, 0.0000,
0.0000

■ 50.7541, 52.8935,
49.6539

■ 50.7541, 52.8935,
49.6539

■ 47.0338, 48.4492,
39.1759

■ 54.8867, 57.6881,
61.7296

■ 43.7068, 44.3390,
30.2241

■ 59.4412, 62.8346,
75.4635

■ 40.7586, 40.5559,
22.7264

■ 64.4322, 68.3436,
90.9172

■ 38.1723, 37.0897,
16.6039

■ 69.3199, 74.0021,
105.2380

■ 35.9295, 33.9296,
11.7697

■ 71.7555, 78.8734,
106.0499

■ 34.0096, 31.0639,
8.1270

■ 74.3139, 83.9902,
106.9027

■ 32.3896, 28.4797,
5.5652

■ 76.9968, 89.3560,
107.7970

■ 31.0422, 26.1624,
3.9523

■ 77.8976, 91.1576,
108.0973

■ 30.0648, 24.3720,
3.1197

Harmonies

Analogous

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



52.1666, 52.8935, 51.3044



50.7541, 52.8935, 49.6539



49.2406, 52.8935, 50.0451

Triad

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



50.7541, 52.8935, 49.6539



47.5644, 52.8935, 60.6227



52.5889, 52.8935, 63.1143

Complementary

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



50.7541, 52.8935, 49.6539



46.8858, 49.6475, 62.3707

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.



51.3211, 52.8935, 65.8619



50.7541, 52.8935, 49.6539



48.4271, 52.8935, 64.3734

Square

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



50.7541, 52.8935, 49.6539



47.4196, 52.8935, 56.2314



49.7963, 52.8935, 66.3341



53.2400, 52.8935, 58.9745

Rectangle

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



50.7541, 52.8935, 49.6539



48.3768, 52.8935, 51.4193



49.7963, 52.8935, 66.3341



52.2195, 52.8935, 64.2400

Sweetspot

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



50.7555, 52.8958, 49.6550



92.7911, 97.4140, 102.1913



49.1233, 47.9050, 54.4332



19.7343, 20.7047, 21.4989



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.



50.7555, 52.8958, 49.6550



85.0742, 88.4073, 79.8055



52.7025, 57.2469, 50.3923



11.1231, 11.6153, 11.2185



18.9959, 15.5090, 1.9923



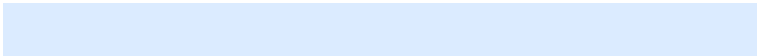
0.9705, 0.8765, 0.1180

Inverse Universe

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



46.8858, 49.6475, 62.3707



77.0093, 81.6378, 106.3066



45.0888, 45.6602, 61.6957



10.4295, 11.0331, 13.4974



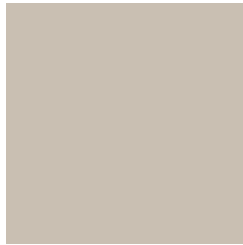
8.8775, 7.1489, 35.6563



0.4921, 0.4819, 1.7122

Previews

White Background



This preview shows how the XYZ color 50.7541, 52.8935, 49.6539 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 50.7541, 52.8935, 49.6539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

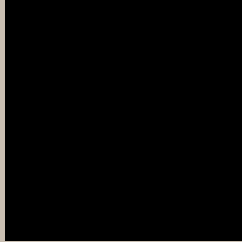
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

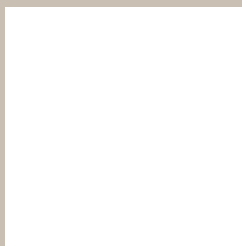
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7541, 52.8935, 49.6539

Background



This preview shows how black text looks on a background with the XYZ color 50.7541, 52.8935, 49.6539.

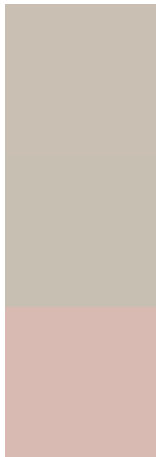


This preview shows how white text looks on a background with the XYZ color 50.7541, 52.8935,

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

50.7541, 52.8935, 49.6539

Protanopia

50.4387, 53.0557, 49.7019

Deuteranopia

54.0145, 52.9714, 50.0255



Tritanopia

53.3328, 52.6423, 63.2271

Trichromacy



Original Color

50.7541, 52.8935, 49.6539

Protanomaly

50.7049, 53.1930, 49.7143

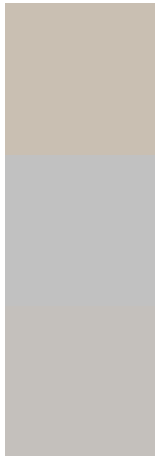
Deuteranomaly

52.9839, 53.0700, 50.0988

Tritanomaly

52.2375, 52.5132, 57.8349

Monochromacy



Original Color

50.7541, 52.8935, 49.6539

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.6917, 53.0659, 55.1480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7541, 52.8935, 49.6539 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(201, 191, 178)` looks like.

```
.text, #text, p{  
    color:rgb(201, 191, 178)  
}
```

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(201, 191, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 191, 178) }
```

Border

The CSS property to change the border of an element to XYZ 50.7541, 52.8935, 49.6539 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(201, 191, 178) }
```


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

```
.border{ border-color:rgb(201, 191, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 191, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 191, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 191, 178);  
box-shadow:4px 4px 4px 4px rgb(201, 191,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7541, 52.8935, 49.6539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 191, 178) }
```

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

```
.background{ background-color: rgb(201,  
191, 178) }
```

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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