

Converting Colors

XYZ(50.6345, 53.0055, 53.0514)

Have a look what the booklet for
XYZ(50.6345, 53.0055, 53.0514)
contains.

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Color

**XYZ(50.7901, 53.1657,
52.9325)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C0B8
RGB	198, 192, 184
RGB Percent	78%, 75%, 72%
CMY	0.2235, 0.2470, 0.2784
CMYK	0.00, 0.03, 0.07, 0.22
HSL	34°, 11%, 75%
HSV	34°, 7%, 78%
XYZ	50.7901, 53.1657, 52.9325
YIQ	192.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

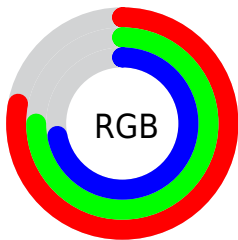
Format	Color
RYB	195, 198, 184
Decimal	13025464
CIELab	77.97, 0.69, 4.76
CIElCh	78, 4.812, 81.787
Yxy	53.1657, 0.3237, 0.3389
Android (android.graphics.Color)	4291215544 (0xFFC6C0B8)
YUV	192.8820, -4.3788, 4.4885
Hunter-Lab	72.9148, -3.2636, 7.9988

Details

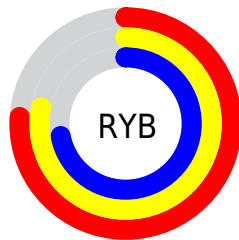
The XYZ color **50.7901, 53.1657, 52.9325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3737, 51.0938, 60.7394**, and the grayscale version is **50.6429, 53.2802, 58.0222**.

A 20% lighter version of the original color is **90.5356, 94.6861, 95.9426**, and **24.8310, 26.0332, 25.1889** is the 20% darker color. If you saturate the color by 10%, you get **47.0498, 48.7770, 42.1525**, and if you desaturate by 10%, it is **54.9313, 57.8899, 65.2807**.

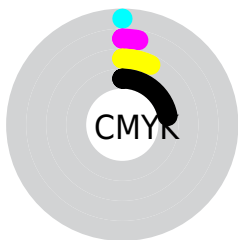
Distribution



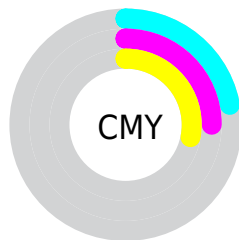
- Red (78%)
- Green (75%)
- Blue (72%)



- Red (76%)
- Yellow (78%)
- Blue (72%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7901, 53.1657, 52.9325 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 50.7901, 53.1657, 52.9325 by changing the saturation by 10% instead.

■ 50.7901, 53.1657,
52.9325

■ 50.7901, 53.1657,
52.9325

380.1488,
398.9205, 415.0850

■ 36.2620, 37.9351,
37.3615

■ 90.5293, 94.8481,
95.9456

■ 24.8076, 25.9323,
25.1896

116.4710,
122.0688, 124.2248

■ 16.0617, 16.7730,
15.9980

146.9480,
154.0548, 157.5771

■ 9.6590, 10.0728,
9.3684

182.3255,
191.1907, 196.4211

■ 5.2340, 5.4472,
4.8822

222.9690,
233.8608, 241.1754

■ 2.4213, 2.5120,
2.1208

269.2439,

■ 0.8558, 0.8826,

282.4496, 292.2585

0.6281

321.5153,
337.3413, 350.0888

■ 0.0000, 0.0000,
0.0000

■ 50.7901, 53.1657,
52.9325

■ 50.7901, 53.1657,
52.9325

■ 47.0498, 48.7770,
42.1525

■ 54.9313, 57.8899,
65.2807

■ 43.6921, 44.7084,
32.8734

■ 59.4819, 62.9508,
79.2538

■ 40.7038, 40.9535,
25.0282

■ 64.4559, 68.3581,
94.9098

■ 38.0692, 37.5030,
18.5434

■ 68.5160, 73.5799,
105.1989

■ 35.7713, 34.3470,
13.3388

■ 70.8786, 78.3052,
105.9864

■ 33.7914, 31.4747,
9.3258

■ 73.3569, 83.2617,
106.8125

■ 32.1084, 28.8745,
6.4043

■ 75.9525, 88.4528,
107.6777

■ 30.6983, 26.5333,
4.4575

■ 77.0990, 90.7459,
108.0599

■ 29.5289, 24.4348,
3.3266

Harmonies

Analogous

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



51.6546, 53.1657, 53.9300



50.7901, 53.1657, 52.9325



49.8670, 53.1657, 53.2303

Triad

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



50.7901, 53.1657, 52.9325



48.8786, 53.1657, 59.8238



51.9606, 53.1657, 61.1377

Complementary

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



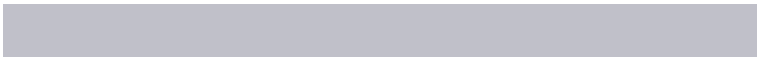
50.7901, 53.1657, 52.9325



48.3737, 51.0938, 60.7394

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.



51.2037, 53.1657, 62.8107



50.7901, 53.1657, 52.9325



49.4266, 53.1657, 62.0359

Square

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



50.7901, 53.1657, 52.9325



48.7709, 53.1657, 57.1548



50.2756, 53.1657, 63.1444



52.3358, 53.1657, 58.6283

Rectangle

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



50.7901, 53.1657, 52.9325



49.3419, 53.1657, 54.1274



50.2756, 53.1657, 63.1444



51.7419, 53.1657, 61.8197

Sweetspot

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



50.7916, 53.1680, 52.9336



93.5467, 98.2900, 104.4017



49.7315, 50.0082, 55.7856



20.0386, 21.0561, 22.3934



0.0000, 0.0000, 0.0000



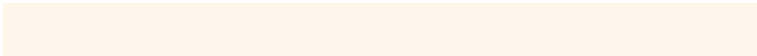
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7916, 53.1680, 52.9336



89.2132, 93.3061, 91.6025



51.8900, 55.7290, 53.3701



11.1287, 11.6266, 11.2204



19.0857, 15.6885, 2.0223



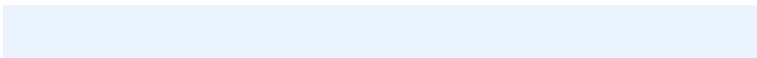
0.9746, 0.8845, 0.1194

Inverse Universe

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



48.3737, 51.0938, 60.7394



84.3308, 89.1178, 107.3645



47.3258, 48.6650, 60.3258



10.4240, 11.0220, 13.4956



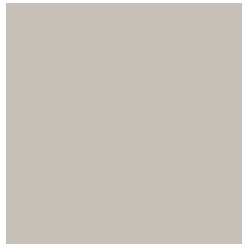
8.8129, 7.0198, 35.6348



0.4888, 0.4755, 1.7112

Previews

White Background



This preview shows how the XYZ color 50.7901, 53.1657, 52.9325 looks on a white background.

Color Contrast Check

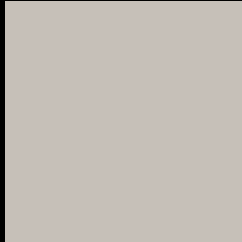
Large Text (above 18pt) WCAG AA × Fail

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 50.7901, 53.1657, 52.9325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

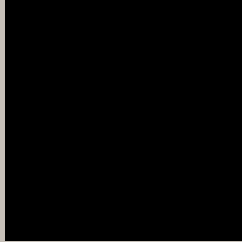
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

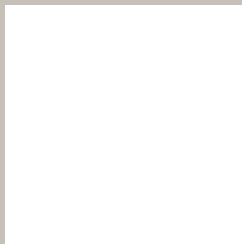
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7901, 53.1657, 52.9325

Background



This preview shows how black text looks on a background with the XYZ color 50.7901, 53.1657, 52.9325.



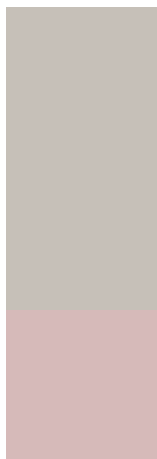
This preview shows how white text looks on a background with the XYZ color 50.7901, 53.1657,

52.9325.

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

50.7901, 53.1657, 52.9325

Protanopia

50.7901, 53.1657, 52.9325

Deuteranopia

54.0474, 52.9167, 53.2643



Tritanopia

53.1841, 53.1723, 64.5869

Trichromacy



Original Color

50.7901, 53.1657, 52.9325

Protanomaly

50.7901, 53.1657, 52.9325

Deuteranomaly

52.7526, 52.8791, 53.3253

Tritanomaly

52.3109, 53.1375, 60.3228

Monochromacy



Original Color

50.7901, 53.1657, 52.9325

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.8699, 53.4597, 56.3528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7901, 53.1657, 52.9325 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(198, 192, 184)` looks like.

```
.text, #text, p{  
    color:rgb(198, 192, 184)  
}
```

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(198, 192, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 192, 184) }
```

Border

The CSS property to change the border of an element to XYZ 50.7901, 53.1657, 52.9325 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(198, 192, 184) }
```


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

```
.border{ border-color:rgb(198, 192, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 192, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 192, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 192, 184);  
box-shadow:4px 4px 4px 4px rgb(198, 192,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7901, 53.1657, 52.9325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 192, 184) }
```

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

```
.background{ background-color: rgb(198,  
192, 184) }
```

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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