

Converting Colors

XYZ(51.9647, 53.1873, 52.6561)

Have a look what the booklet for
XYZ(51.9647, 53.1873, 52.6561)
contains.

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Color

**XYZ(51.9670, 53.1250,
52.8626)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBEB8
RGB	204, 190, 184
RGB Percent	80%, 75%, 72%
CMY	0.2000, 0.2549, 0.2784
CMYK	0.00, 0.07, 0.10, 0.20
HSL	18°, 16%, 76%
HSV	18°, 10%, 80%
XYZ	51.9670, 53.1250, 52.8626
YIQ	193.5020, 10.2700, 1.1020

Conversions

Conversions Part 2

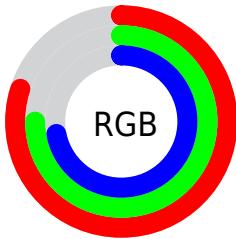
Format	Color
R_{YB}	204, 193, 184
Decimal	13418168
CIE _{Lab}	77.95, 3.90, 4.79
CIE _{LCh}	78, 6.178, 50.843
Yxy	53.1250, 0.3290, 0.3363
Android (android.graphics.Color)	4291608248 (0xFFCCBEB8)
YUV	193.5020, -4.6845, 9.2067
Hunter-Lab	72.8869, -0.2849, 8.0196

Details

The XYZ color **51.9670, 53.1250, 52.8626** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8601, 54.9370, 65.0505**, and the grayscale version is **51.0078, 53.6642, 58.4403**.

A 20% lighter version of the original color is **89.9239, 93.4628, 95.7387**, and **25.6201, 26.0140, 25.1436** is the 20% darker color. If you saturate the color by 10%, you get **47.0392, 46.4479, 41.4196**, and if you desaturate by 10%, it is **57.5091, 60.5359, 66.0331**.

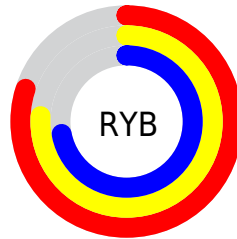
Distribution



Red (80%)

Green (75%)

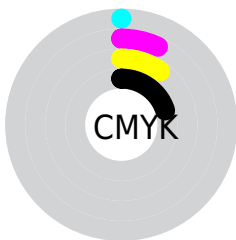
Blue (72%)



Red (80%)

Yellow (76%)

Blue (72%)

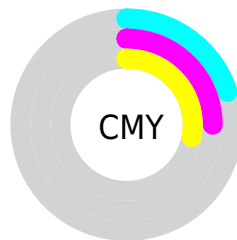


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (20%)



Cyan (20%)

Magenta (25%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9670, 53.1250, 52.8626 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 51.9670, 53.1250, 52.8626 by changing the saturation by 10% instead.

■ 51.9670, 53.1250,
52.8626

■ 51.9670, 53.1250,
52.8626

384.6352,
398.7645, 414.8091

■ 37.2029, 37.9026,
37.3061

■ 92.2571, 94.7883,
95.8417

■ 25.5390, 25.9071,
25.1470

118.5138,
121.9979, 124.1013

■ 16.6100, 16.7541,
15.9666

149.3321,
153.9721, 157.4324

■ 10.0504, 10.0594,
9.3464

185.0774,
191.0951, 196.2536

■ 5.4949, 5.4383,
4.8679

226.1150,
233.7515, 240.9833

■ 2.5782, 2.5067,
2.1126

272.8103,

■ 0.9348, 0.8800,

282.3256, 292.0401

0.6232

325.5286,
337.2018, 349.8425

■ 0.0000, 0.0000,
0.0000

■ 51.9670, 53.1250,
52.8626

■ 51.9670, 53.1250,
52.8626

■ 47.0392, 46.4479,
41.4196

■ 57.5091, 60.5359,
66.0331

■ 42.6994, 40.4751,
31.6286

■ 63.6817, 68.6952,
80.9954

■ 38.9260, 35.1850,
23.4135

■ 70.5060, 77.6259,
97.8149

■ 35.6942, 30.5527,
16.6909

■ 76.2463, 86.6459,
107.3135

■ 32.9773, 26.5512,
11.3696

■ 78.7120, 91.5775,
108.1354

■ 30.7461, 23.1519,
7.3485

■ 28.9681, 20.3235,
4.5123

■ 27.6060, 18.0318,
2.7253

■ 26.6009, 16.2317,
1.7425

Harmonies

Analogous

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



52.6843, 53.1250, 55.5212



51.9670, 53.1250, 52.8626



50.8624, 53.1250, 51.5533

Triad

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



51.9670, 53.1250, 52.8626



48.2465, 53.1250, 56.7972



51.3204, 53.1250, 64.2521

Complementary

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



51.9670, 53.1250, 52.8626



50.8601, 54.9370, 65.0505

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.



50.1269, 53.1250, 64.6269



51.9670, 53.1250, 52.8626



48.3647, 53.1250, 60.2309

Square

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



51.9670, 53.1250, 52.8626



48.7230, 53.1250, 53.7649



49.0485, 53.1250, 63.1291



52.3069, 53.1250, 62.1245

Rectangle

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



51.9670, 53.1250, 52.8626



50.0603, 53.1250, 51.5846



49.0485, 53.1250, 63.1291



50.9297, 53.1250, 64.5905

Sweetspot

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



51.9685, 53.1273, 52.8637



92.1584, 96.1487, 101.9804



52.2360, 51.1963, 60.5554



19.5638, 20.3636, 21.4420



0.0000, 0.0000, 0.0000



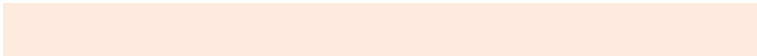
20.3446, 21.4041, 23.3091

Same Dimension

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



51.9685, 53.1273, 52.8637



84.0539, 85.2737, 82.8351



54.2084, 57.6072, 53.6104



11.4823, 11.7536, 11.7429



16.8038, 10.3405, 1.1103



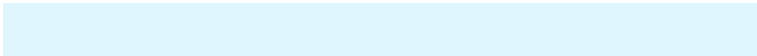
0.9339, 0.6674, 0.0796

Inverse Universe

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



50.8601, 54.9370, 65.0505



81.8138, 88.9298, 107.4609



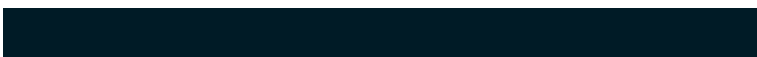
48.6502, 50.5172, 64.3138



11.2479, 12.1363, 14.3201



13.1046, 15.2331, 38.2059



0.7405, 0.9148, 1.9925

Previews

White Background



This preview shows how the XYZ color 51.9670, 53.1250, 52.8626 looks on a white background.

Color Contrast Check

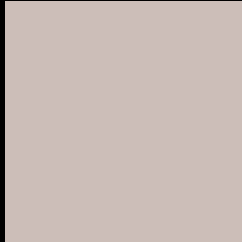
Large Text (above 18pt) WCAG AA × Fail

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 51.9670, 53.1250, 52.8626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

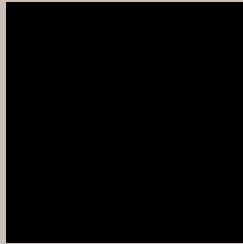
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9670, 53.1250, 52.8626

Background



This preview shows how black text looks on a background with the XYZ color 51.9670, 53.1250, 52.8626.

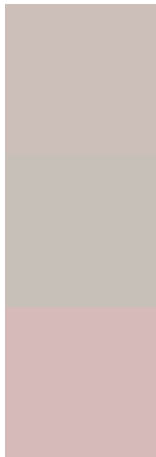


This preview shows how white text looks on a background with the XYZ color 51.9670, 53.1250,

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

51.9670, 53.1250, 52.8626

Protanopia

50.8953, 53.2078, 53.4866

Deuteranopia

54.0474, 52.9167, 53.2643



Tritanopia

54.1631, 53.0703, 63.2660

Trichromacy



Original Color

51.9670, 53.1250, 52.8626

Protanomaly

51.2072, 53.0437, 53.4385

Deuteranomaly

53.1056, 52.7451, 53.2808

Tritanomaly

53.2871, 53.0284, 59.0567

Monochromacy



Original Color

51.9670, 53.1250, 52.8626

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.6529, 53.8634, 56.3895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9670, 53.1250, 52.8626 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(204, 190, 184) looks like.

```
.text, #text, p{  
    color:rgb(204, 190, 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(204, 190, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 190, 184) }
```

Border

The CSS property to change the border of an element to XYZ 51.9670, 53.1250, 52.8626 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(204, 190, 184) }
```


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

```
.border{ border-color:rgb(204, 190, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 190, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 190, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 190, 184);  
box-shadow:4px 4px 4px 4px rgb(204, 190,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9670, 53.1250, 52.8626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 190, 184) }
```

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

```
.background{ background-color: rgb(204,  
190, 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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