

Converting Colors

XYZ(53.8215, 52.8602, 50.5464)

Have a look what the booklet for
XYZ(53.8215, 52.8602, 50.5464)
contains.

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Color

**XYZ(53.8215, 52.8602,
50.5464)**

Conversions

Conversions Part 1

Format	Color
Hex	D7BAB4
RGB	215, 186, 180
RGB Percent	84%, 73%, 71%
CMY	0.1569, 0.2706, 0.2941
CMYK	0.00, 0.13, 0.16, 0.16
HSL	10°, 30%, 77%
HSV	10°, 16%, 84%
XYZ	53.8215, 52.8602, 50.5464
YIQ	193.9870, 19.2100, 4.2820

Conversions

Conversions Part 2

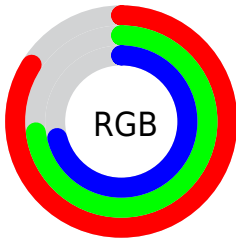
Format	Color
R _Y B	215, 187, 180
Decimal	14138036
CIE Lab	77.79, 9.38, 6.85
CIE LCh	78, 11.617, 36.138
Yxy	52.8602, 0.3423, 0.3362
Android (android.graphics.Color)	4292328116 (0xFFD7BAB4)
YUV	193.9870, -6.8956, 18.4284
Hunter-Lab	72.7050, 4.9048, 9.6736

Details

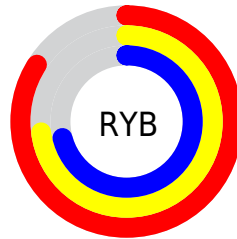
The XYZ color **53.8215, 52.8602, 50.5464** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.8883, 60.2093, 73.0719**, and the grayscale version is **51.3033, 53.9750, 58.7788**.

A 20% lighter version of the original color is **88.1325, 90.8204, 92.2419**, and **26.7155, 25.7809, 23.6468** is the 20% darker color. If you saturate the color by 10%, you get **48.2777, 45.0098, 38.7177**, and if you desaturate by 10%, it is **60.1757, 61.7868, 64.3226**.

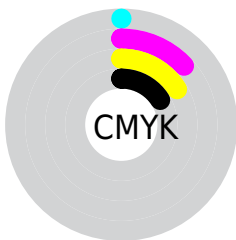
Distribution



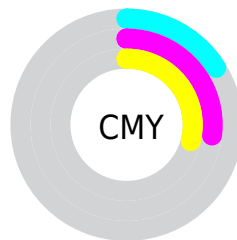
- Red (84%)
- Green (73%)
- Blue (71%)



- Red (84%)
- Yellow (73%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8215, 52.8602, 50.5464 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 53.8215, 52.8602, 50.5464 by changing the saturation by 10% instead.


 53.8215, 52.8602,
50.5464

 53.8215, 52.8602,
50.5464


391.6384,
397.7485, 405.5950

 38.6891, 37.6912,
35.4735

 94.9705, 94.3986,
92.3885

 26.6976, 25.7431,
23.7414


121.7179,
121.5368, 119.9949

 17.4816, 16.6315,
14.9315

153.0675,
153.4335, 152.6162

 10.6759, 9.9721,
8.6252

189.3849,
190.4731, 190.6709

 5.9150, 5.3805,
4.4041

231.0353,
233.0400, 234.5776

 2.8336, 2.4722,
1.8495

278.3841,

 1.0664, 0.8627,

281.5186, 284.7548

0.4603

331.7967,
336.2933, 341.6211

■ 0.0000, 0.0000,
0.0000

■ 53.8215, 52.8602,
50.5464

■ 53.8215, 52.8602,
50.5464

■ 48.2777, 45.0098,
38.7177

■ 60.1757, 61.7868,
64.3226

■ 43.5073, 38.1880,
28.7453

■ 67.3669, 71.8208,
80.1254

■ 39.4767, 32.3540,
20.5356

■ 75.4258, 83.0010,
98.0333

■ 36.1481, 27.4616,
13.9853

■ 81.8346, 93.1872,
108.2815

■ 33.4803, 23.4610,
8.9808

■ 31.4278, 20.2975,
5.3935

■ 29.9386, 17.9103,
3.0742

■ 28.9509, 16.2298,
1.8365

■ 28.6825, 15.7630,
1.5308

Harmonies

Analogous

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



54.6724, 52.8602, 56.2396



53.8215, 52.8602, 50.5464



52.0145, 52.8602, 46.9412

Triad

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



53.8215, 52.8602, 50.5464



46.3844, 52.8602, 52.6826



50.7066, 52.8602, 70.7901

Complementary

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



53.8215, 52.8602, 50.5464



53.8883, 60.2093, 73.0719

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.



48.5103, 52.8602, 69.6607



53.8215, 52.8602, 50.5464



46.0577, 52.8602, 58.8923

Square

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



53.8215, 52.8602, 50.5464



47.7309, 52.8602, 48.1086



46.8249, 52.8602, 65.1849



52.8397, 52.8602, 68.1652

Rectangle

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



53.8215, 52.8602, 50.5464



50.5343, 52.8602, 46.0461



46.8249, 52.8602, 65.1849



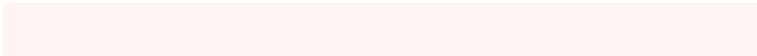
49.9509, 52.8602, 70.8394

Sweetspot

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



53.8229, 52.8626, 50.5475



89.7870, 92.6506, 97.3525



55.8755, 51.7021, 67.4650



19.0652, 19.6172, 20.5033



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.



53.8229, 52.8626, 50.5475



75.8701, 73.0817, 67.2341



57.6979, 60.6125, 51.8392



12.5937, 12.7617, 12.9602



17.2089, 9.5350, 0.9334



1.0917, 0.6826, 0.0742

Inverse Universe

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



53.8883, 60.2093, 73.0719



75.9841, 86.1220, 107.2262



49.8654, 52.1634, 71.7309



12.6025, 13.7284, 15.9231



16.9414, 22.1446, 41.8346



1.0708, 1.4335, 2.5396

Previews

White Background



This preview shows how the XYZ color 53.8215, 52.8602, 50.5464 looks on a white background.

Color Contrast Check

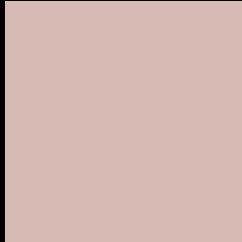
Large Text (above 18pt) WCAG AA × Fail

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 53.8215, 52.8602, 50.5464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

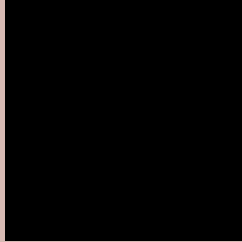
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8215, 52.8602, 50.5464

Background



This preview shows how black text looks on a background with the XYZ color 53.8215, 52.8602, 50.5464.



This preview shows how white text looks on a background with the XYZ color 53.8215, 52.8602,

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

53.8215, 52.8602, 50.5464

Protanopia

50.6856, 53.1239, 52.3823

Deuteranopia

54.1160, 53.0120, 50.5601



Tritanopia

55.7418, 52.6959, 60.6595

Trichromacy



Original Color

53.8215, 52.8602, 50.5464

Protanomaly

51.7588, 53.0417, 51.7661

Deuteranomaly

54.1160, 53.0120, 50.5601

Tritanomaly

54.8634, 52.6415, 56.5594

Monochromacy



Original Color

53.8215, 52.8602, 50.5464

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.1732, 53.4923, 55.7193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8215, 52.8602, 50.5464 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(215, 186, 180)` looks like.

```
.text, #text, p{  
    color:rgb(215, 186, 180)  
}
```

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(215, 186, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 186, 180) }
```

Border

The CSS property to change the border of an element to XYZ 53.8215, 52.8602, 50.5464 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(215, 186, 180) }
```


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

```
.border{ border-color:rgb(215, 186, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 186, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 186, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 186, 180);  
box-shadow:4px 4px 4px 4px rgb(215, 186,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8215, 52.8602, 50.5464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 186, 180) }
```

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

```
.background{ background-color: rgb(215,  
186, 180) }
```

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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