

Converting Colors

XYZ(52.0981, 53.7421, 37.5670)

Have a look what the booklet for
XYZ(52.0981, 53.7421, 37.5670)
contains.

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Color

**XYZ(52.1121, 53.8577,
37.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BF99
RGB	214, 191, 153
RGB Percent	84%, 75%, 60%
CMY	0.1608, 0.2510, 0.4000
CMYK	0.00, 0.11, 0.29, 0.16
HSL	37°, 43%, 72%
HSV	37°, 29%, 84%
XYZ	52.1121, 53.8577, 37.7860
YIQ	193.5450, 25.9060, -6.9420

Conversions

Conversions Part 2

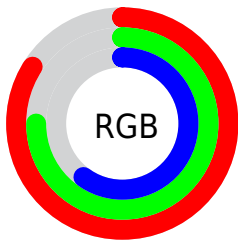
Format	Color
R _Y B	190, 214, 153
Decimal	14073753
CIE Lab	78.38, 2.43, 22.18
CIE LCh	78, 22.308, 83.752
Yxy	53.8577, 0.3625, 0.3746
Android (android.graphics.Color)	4292263833 (0xFFD6BF99)
YUV	193.5450, -19.9887, 17.9390
Hunter-Lab	73.3878, -1.6772, 20.8442

Details

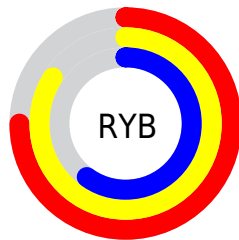
The XYZ color **52.1121, 53.8577, 37.7860** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.7994, 42.6767, 69.7054**, and the grayscale version is **51.1141, 53.7760, 58.5621**.

A 20% lighter version of the original color is **85.7632, 92.2865, 72.3244**, and **25.7848, 26.5072, 16.3278** is the 20% darker color. If you saturate the color by 10%, you get **48.7900, 49.7928, 28.7266**, and if you desaturate by 10%, it is **55.8509, 58.2482, 48.5494**.

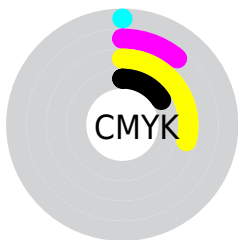
Distribution



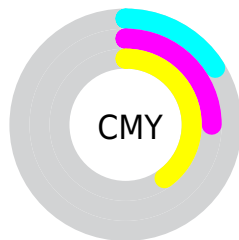
- Red (84%)
- Green (75%)
- Blue (60%)



- Red (75%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1121, 53.8577, 37.7860 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 52.1121, 53.8577, 37.7860 by changing the saturation by 10% instead.


 52.1121, 53.8577,
37.7860


 52.1121, 53.8577,
37.7860


385.1861,
401.5671, 351.9717

 37.3191, 38.4879,
25.5161


 92.4698, 95.8653,
72.9798

 25.6294, 26.3616,
16.2395

 118.7652,
123.2719, 96.7408

 16.6778, 17.0943,
9.5376

149.6253,
155.4595, 125.1692

 10.0989, 10.3018,
4.9919

185.4157,
192.8125, 158.6836

 5.5274, 5.5995,
2.1838

226.5016,
235.7154, 197.7025

 2.5978, 2.6031,
0.6650

273.2484,

 0.9448, 0.9282,

284.5526, 242.6444

0.0000

326.0214,
339.7084, 293.9280

■ 0.0000, 0.0000,
0.0000

■ 52.1121, 53.8577,
37.7860

■ 52.1121, 53.8577,
37.7860

■ 48.7900, 49.7928,
28.7266

■ 55.8509, 58.2482,
48.5494

■ 45.8620, 46.0362,
21.2782

■ 60.0195, 62.9661,
61.0966

■ 43.3093, 42.5799,
15.3437

■ 64.6354, 68.0227,
75.5064

■ 41.1098, 39.4122,
10.8142

■ 69.7137, 73.4265,
91.8516

■ 39.2383, 36.5206,
7.5660

■ 74.4531, 78.8591,
105.9050

■ 37.6657, 33.8905,
5.4537

■ 76.7677, 83.4885,
106.6765

■ 36.3484, 31.5018,
4.2566

■ 79.1879, 88.3288,
107.4833

■ 36.1642, 31.1614,
4.1087

■ 81.5416, 93.0361,
108.2678

Harmonies

Analogous

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



56.3327, 53.8577, 41.2628



52.1121, 53.8577, 37.7860



47.8726, 53.8577, 39.2209

Triad

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



52.1121, 53.8577, 37.7860



43.8626, 53.8577, 68.9024



58.2864, 53.8577, 74.0895

Complementary

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



52.1121, 53.8577, 37.7860



40.7994, 42.6767, 69.7054

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.



54.6575, 53.8577, 83.6028



52.1121, 53.8577, 37.7860



46.3705, 53.8577, 80.3218

Square

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



52.1121, 53.8577, 37.7860



43.2669, 53.8577, 56.0561



50.2791, 53.8577, 86.0322



60.0260, 53.8577, 61.3060

Rectangle

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



52.1121, 53.8577, 37.7860



45.5845, 53.8577, 42.8888



50.2791, 53.8577, 86.0322



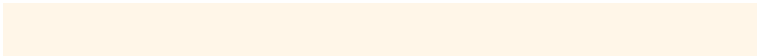
57.2374, 53.8577, 77.8453

Sweetspot

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



52.1135, 53.8602, 37.7871



88.8745, 93.2128, 89.6889



46.9976, 40.2290, 46.5619



18.8202, 19.7249, 18.5787



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.



52.1135, 53.8602, 37.7871



74.5414, 76.5094, 48.0315



55.4961, 63.6417, 39.4969



13.0612, 13.6967, 13.1160



21.9619, 19.0411, 2.5178



1.4031, 1.3054, 0.1780

Inverse Universe

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



40.7994, 42.6767, 69.7054



55.1451, 57.3432, 102.7696



38.0500, 35.1238, 68.3925



12.1224, 12.7682, 15.7631



9.1927, 6.6472, 39.2517



0.6329, 0.5578, 2.3936

Previews

White Background



This preview shows how the XYZ color 52.1121, 53.8577, 37.7860 looks on a white background.

Color Contrast Check

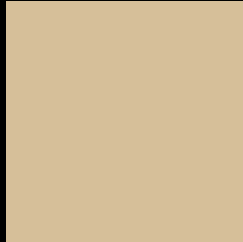
Large Text (above 18pt) WCAG AA × Fail

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 52.1121, 53.8577, 37.7860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

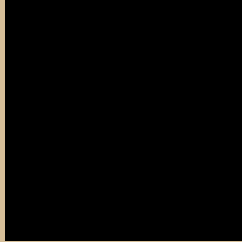
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1121, 53.8577, 37.7860

Background



This preview shows how black text looks on a background with the XYZ color 52.1121, 53.8577, 37.7860.



This preview shows how white text looks on a background with the XYZ color 52.1121, 53.8577,

37.7860.

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

52.1121, 53.8577, 37.7860

Protanopia

50.5781, 54.0385, 38.3366

Deuteranopia

54.7557, 53.6197, 38.0355



Tritanopia

56.8712, 53.8815, 61.4356

Trichromacy



Original Color

52.1121, 53.8577, 37.7860

Protanomaly

51.1972, 54.0283, 38.3020

Deuteranomaly

53.9402, 53.8291, 38.1190

Tritanomaly

54.8291, 53.6698, 51.7255

Monochromacy



Original Color

52.1121, 53.8577, 37.7860

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.2940, 53.8121, 50.3311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1121, 53.8577, 37.7860 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(214, 191, 153)` looks like.

```
.text, #text, p{  
    color:rgb(214, 191, 153)  
}
```

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(214, 191, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 191, 153) }
```

Border

The CSS property to change the border of an element to XYZ 52.1121, 53.8577, 37.7860 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(214, 191, 153) }
```


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

```
.border{ border-color:rgb(214, 191, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 191, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 191, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 191, 153);  
box-shadow:4px 4px 4px 4px rgb(214, 191,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1121, 53.8577, 37.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 191, 153) }
```

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

```
.background{ background-color: rgb(214,  
191, 153) }
```

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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