

Converting Colors

XYZ(53.5117, 51.8906, 51.9991)

Have a look what the booklet for
XYZ(53.5117, 51.8906, 51.9991)
contains.

XYZ(53.7121, 52.1469, 52.0342)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.7121, 52.1469,
52.0342)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B8B7
RGB	215, 184, 183
RGB Percent	84%, 72%, 72%
CMY	0.1569, 0.2784, 0.2823
CMYK	0.00, 0.14, 0.15, 0.16
HSL	2°, 29%, 78%
HSV	2°, 15%, 84%
XYZ	53.7121, 52.1469, 52.0342
YIQ	193.1550, 18.7970, 6.2610

Conversions

Conversions Part 2

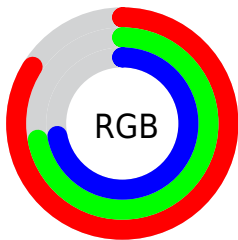
Format	Color
R _Y B	215, 184, 183
Decimal	14137527
CIE Lab	77.37, 10.93, 4.62
CIE LCh	77, 11.862, 22.897
Yxy	52.1469, 0.3402, 0.3303
Android (android.graphics.Color)	4292327607 (0xFFD7B8B7)
YUV	193.1550, -5.0064, 19.1581
Hunter-Lab	72.2128, 6.3964, 7.8265

Details

The XYZ color **53.7121, 52.1469, 52.0342** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.8405, 63.0656, 73.5204**, and the grayscale version is **50.8016, 53.4473, 58.2041**.

A 20% lighter version of the original color is **87.9801, 89.8122, 94.3598**, and **26.6428, 25.3179, 24.6017** is the 20% darker color. If you saturate the color by 10%, you get **47.6310, 43.2962, 39.7970**, and if you desaturate by 10%, it is **60.7748, 62.4127, 66.2863**.

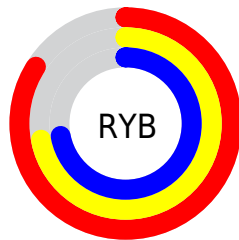
Distribution



Red (84%)

Green (72%)

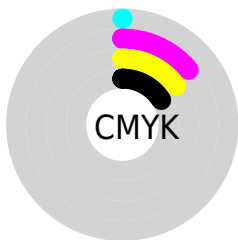
Blue (72%)



Red (84%)

Yellow (72%)

Blue (72%)

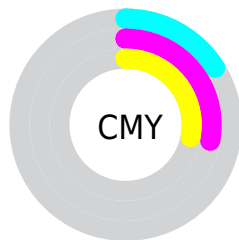


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (16%)



Cyan (16%)


Magenta (28%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7121, 52.1469, 52.0342 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 53.7121, 52.1469, 52.0342 by changing the saturation by 10% instead.


 53.7121, 52.1469,
52.0342

 53.7121, 52.1469,
52.0342


391.2275,
395.0035, 411.5293

 38.6013, 37.1222,
36.6499

 94.8108, 93.3478,
94.6088

 26.6290, 25.3021,
24.6429


121.5293,
120.2929, 122.6361

 17.4300, 16.3023,
15.5946


152.8479,
151.9801, 155.7149

 10.6387, 9.7383,
9.0865

189.1317,
188.7940, 194.2637

 5.8899, 5.2258,
4.7001

230.7463,
231.1188, 238.7010

 2.8183, 2.3803,
2.0167

278.0568,

 1.0584, 0.8157,

279.3391, 289.4453

0.5655

331.4288,
333.8392, 346.9153

■ 0.0000, 0.0000,
0.0000

■ 53.7121, 52.1469,
52.0342

■ 53.7121, 52.1469,
52.0342

■ 47.6310, 43.2962,
39.7970

■ 60.7748, 62.4127,
66.2863

■ 42.4840, 35.7921,
29.4808

■ 68.8554, 74.1444,
82.6349

■ 38.2262, 29.5705,
20.9890

■ 77.9934, 87.3990,
101.1611

■ 34.8071, 24.5599,
14.2155

■ 81.8346, 93.1872,
108.2815

■ 32.1714, 20.6813,
9.0431

■ 30.2571, 17.8467,
5.3402

■ 28.9925, 15.9549,
2.9540

■ 28.2917, 14.8848,
1.6985

■ 28.0978, 14.5936,
1.3359

Harmonies

Analogous

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



54.0416, 52.1469, 58.3454



53.7121, 52.1469, 52.0342



52.2553, 52.1469, 47.3452

Triad

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



53.7121, 52.1469, 52.0342



46.1501, 52.1469, 49.5388



49.0241, 52.1469, 70.1676

Complementary

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



53.7121, 52.1469, 52.0342



55.8405, 63.0656, 73.5204

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.



46.9669, 52.1469, 67.3897



53.7121, 52.1469, 52.0342



45.3409, 52.1469, 55.2411

Square

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



53.7121, 52.1469, 52.0342



47.8783, 52.1469, 45.9834



45.6353, 52.1469, 61.8040



51.2889, 52.1469, 69.1446

Rectangle

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



53.7121, 52.1469, 52.0342



50.8642, 52.1469, 45.6074



45.6353, 52.1469, 61.8040



48.2863, 52.1469, 69.6406

Sweetspot

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



53.7135, 52.1492, 52.0353



90.3796, 93.2178, 99.4555



57.1558, 53.1937, 71.1869



19.1628, 19.6879, 20.9195



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.



53.7135, 52.1492, 52.0353



75.9411, 72.2285, 70.3255



57.1186, 58.9594, 53.1703



12.4542, 12.4826, 12.9137



16.8201, 8.7574, 0.8038



1.0258, 0.5507, 0.0522

Inverse Universe

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



55.8405, 63.0656, 73.5204



79.6753, 91.3948, 108.0494



52.0958, 55.5762, 72.2722



12.7573, 14.0379, 15.9747



20.8804, 30.0225, 43.1476



1.2701, 1.8322, 2.6060

Previews

White Background



This preview shows how the XYZ color 53.7121, 52.1469, 52.0342 looks on a white background.

Color Contrast Check

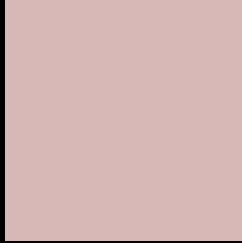
Large Text (above 18pt) WCAG AA × Fail

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 53.7121, 52.1469, 52.0342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

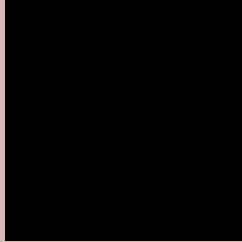
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7121, 52.1469, 52.0342

Background



This preview shows how black text looks on a background with the XYZ color 53.7121, 52.1469, 52.0342.



This preview shows how white text looks on a background with the XYZ color 53.7121, 52.1469,

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

53.7121, 52.1469, 52.0342

Protanopia

50.1480, 52.1505, 54.4367

Deuteranopia

53.3368, 52.2630, 52.0764



Tritanopia

55.3070, 52.1931, 59.3838

Trichromacy



Original Color

53.7121, 52.1469, 52.0342

Protanomaly

51.4747, 52.2081, 53.8185

Deuteranomaly

53.6278, 52.4130, 52.0900

Tritanomaly

54.6564, 52.2275, 56.4904

Monochromacy



Original Color

53.7121, 52.1469, 52.0342

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.6862, 52.9185, 55.6343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7121, 52.1469, 52.0342 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, 184, 183)` looks like.

```
.text, #text, p{  
    color:rgb(215, 184, 183)  
}
```

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, 184, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 184, 183) }
```

Border

The CSS property to change the border of an element to XYZ 53.7121, 52.1469, 52.0342 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, 184, 183) }
```


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

```
.border{ border-color:rgb(215, 184, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 184, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 184, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 184, 183);  
box-shadow:4px 4px 4px 4px rgb(215, 184,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7121, 52.1469, 52.0342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 184, 183) }
```

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

```
.background{ background-color: rgb(215,  
184, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor