

Converting Colors

XYZ(52.4646, 52.0458, 41.7258)

Have a look what the booklet for
XYZ(52.4646, 52.0458, 41.7258)
contains.

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Color

**XYZ(52.5751, 52.0940,
41.9345)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B9A3
RGB	217, 185, 163
RGB Percent	85%, 73%, 64%
CMY	0.1490, 0.2745, 0.3608
CMYK	0.00, 0.15, 0.25, 0.15
HSL	24°, 42%, 75%
HSV	24°, 25%, 85%
XYZ	52.5751, 52.0940, 41.9345
YIQ	192.0600, 26.1340, -0.0580

Conversions

Conversions Part 2

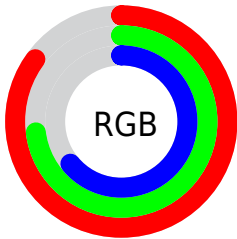
Format	Color
R_{YB}	217, 200, 163
Decimal	14268835
CIE _{Lab}	77.34, 8.13, 15.41
CIE _{LCh}	77, 17.424, 62.201
Yxy	52.0940, 0.3586, 0.3553
Android (android.graphics.Color)	4292458915 (0xFFD9B9A3)
YUV	192.0600, -14.3266, 21.8724
Hunter-Lab	72.1762, 3.7160, 16.0757

Details

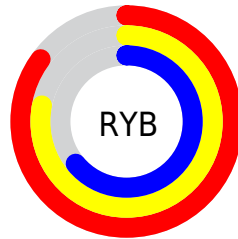
The XYZ color **52.5751, 52.0940, 41.9345** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **47.1433, 51.8251, 73.1644**, and the grayscale version is **50.2095, 52.8243, 57.5256**.

A 20% lighter version of the original color is **85.3502, 89.2325, 79.0548**, and **25.8184, 25.2273, 18.5475** is the 20% darker color. If you saturate the color by 10%, you get **48.2263, 46.2452, 31.7015**, and if you desaturate by 10%, it is **57.5036, 58.5675, 54.0078**.

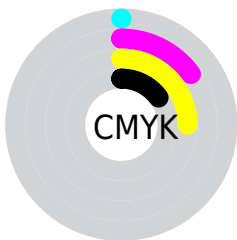
Distribution



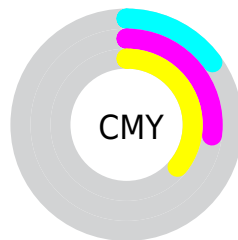
- Red (85%)
- Green (73%)
- Blue (64%)



- Red (85%)
- Yellow (78%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (15%)





- Cyan (15%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5751, 52.0940, 41.9345 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 52.5751, 52.0940, 41.9345 by changing the saturation by 10% instead.


 52.5751, 52.0940,
41.9345


 52.5751, 52.0940,
41.9345


386.9404,
394.7994, 370.0030

 37.6898, 37.0800,
28.7248

 93.1481, 93.2699,
79.3695

 25.9181, 25.2694,
18.6290


 119.5664,
120.2005, 104.4319

 16.8948, 16.2779,
11.2284


150.5598,
151.8722, 134.2823

 10.2543, 9.7210,
6.1046

186.4937,
188.6692, 169.3392

 5.6315, 5.2144,
2.8390

227.7333,
230.9761, 210.0212

 2.6608, 2.3736,
1.0130

274.6441,

 0.9771, 0.8123,

279.1771, 256.7468

0.0000

327.5913,
333.6568, 309.9346

■ 0.0000, 0.0000,
0.0000

■ 52.5751, 52.0940,
41.9345

■ 52.5751, 52.0940,
41.9345

■ 48.2263, 46.2452,
31.7015

■ 57.5036, 58.5675,
54.0078

■ 44.4295, 40.9945,
23.2138

■ 63.0297, 65.6773,
68.0036

■ 41.1611, 36.3233,
16.3726

■ 69.1755, 73.4436,
84.0029

■ 38.3934, 32.2094,
11.0677

■ 75.9606, 81.8835,
102.0811

■ 36.0962, 28.6291,
7.1756

■ 80.6317, 89.9044,
107.7113

■ 34.2350, 25.5562,
4.5528

■ 82.4254, 93.4918,
108.3092

■ 32.7688, 22.9611,
3.0245

■ 32.1401, 21.8012,
2.5141

Harmonies

Analogous

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



55.1595, 52.0940, 47.4588



52.5751, 52.0940, 41.9345



49.2671, 52.0940, 40.2307

Triad

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



52.5751, 52.0940, 41.9345



43.3594, 52.0940, 57.4321



53.0218, 52.0940, 73.7841

Complementary

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



52.5751, 52.0940, 41.9345



47.1433, 51.8251, 73.1644

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.



49.7613, 52.0940, 77.1963



52.5751, 52.0940, 41.9345



44.2671, 52.0940, 67.1172

Square

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



52.5751, 52.0940, 41.9345



44.0382, 52.0940, 48.5554



46.5737, 52.0940, 74.6306



55.4255, 52.0940, 65.7554

Rectangle

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



52.5751, 52.0940, 41.9345



47.1225, 52.0940, 41.3158



46.5737, 52.0940, 74.6306



51.9847, 52.0940, 75.5474

Sweetspot

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



52.5765, 52.0964, 41.9356



89.0263, 92.3398, 93.3669



51.6086, 44.9050, 57.8152



18.9486, 19.6279, 19.7121



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.



52.5765, 52.0964, 41.9356



72.2921, 70.4263, 52.1666



58.6701, 64.2836, 43.9668



13.4895, 13.9184, 13.7011



19.5538, 13.3931, 1.5545



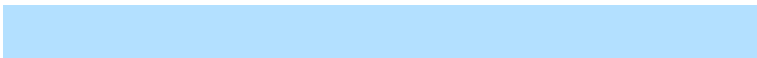
1.3501, 1.0343, 0.1285

Inverse Universe

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



47.1433, 51.8251, 73.1644



63.1342, 69.9626, 104.7844



41.7059, 40.9502, 71.3519



12.9768, 13.8934, 16.6499



12.4062, 12.6818, 41.5324



0.8876, 0.9894, 2.7186

Previews

White Background



This preview shows how the XYZ color 52.5751, 52.0940, 41.9345 looks on a white background.

Color Contrast Check

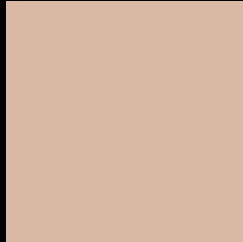
Large Text (above 18pt) WCAG AA × Fail

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 52.5751, 52.0940, 41.9345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

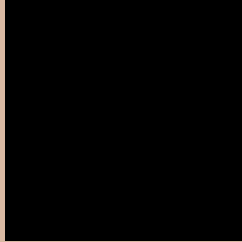
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5751, 52.0940, 41.9345

Background



This preview shows how black text looks on a background with the XYZ color 52.5751, 52.0940, 41.9345.



This preview shows how white text looks on a background with the XYZ color 52.5751, 52.0940,

41.9345.

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

52.5751, 52.0940, 41.9345

Protanopia

49.3332, 52.2941, 43.5700

Deuteranopia

53.2665, 52.1410, 41.9071



Tritanopia

55.8777, 51.9097, 58.1134

Trichromacy



Original Color

52.5751, 52.0940, 41.9345

Protanomaly

50.4427, 52.2336, 43.0208

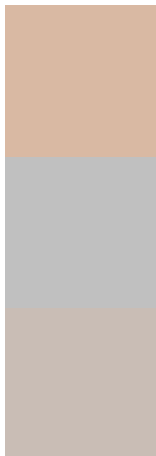
Deuteranomaly

52.9648, 51.9854, 41.8930

Tritanomaly

54.7904, 52.0904, 51.9664

Monochromacy



Original Color

52.5751, 52.0940, 41.9345

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.6255, 52.1489, 51.1136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5751, 52.0940, 41.9345 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(217, 185, 163)` looks like.

```
.text, #text, p{  
    color:rgb(217, 185, 163)  
}
```

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(217, 185, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 185, 163) }
```

Border

The CSS property to change the border of an element to XYZ 52.5751, 52.0940, 41.9345 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(217, 185, 163) }
```


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

```
.border{ border-color:rgb(217, 185, 163) }
```

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

Here you see how a box with a 4 pixel rgb(217, 185, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 185, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 185, 163);  
box-shadow:4px 4px 4px 4px rgb(217, 185,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5751, 52.0940, 41.9345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 185, 163) }
```

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

```
.background{ background-color: rgb(217,  
185, 163) }
```

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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