

Converting Colors

XYZ(53.2024, 51.5317, 43.8816)

Have a look what the booklet for
XYZ(53.2024, 51.5317, 43.8816)
contains.

XYZ(53.2182, 51.4616, 43.6874)	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(53.2182, 51.4616,
43.6874)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB6A7
RGB	220, 182, 167
RGB Percent	86%, 71%, 65%
CMY	0.1373, 0.2863, 0.3451
CMYK	0.00, 0.17, 0.24, 0.14
HSL	17°, 43%, 76%
HSV	17°, 24%, 86%
XYZ	53.2182, 51.4616, 43.6874
YIQ	191.6520, 27.4630, 3.3910

Conversions

Conversions Part 2

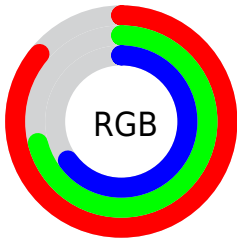
Format	Color
R _Y B	220, 188, 167
Decimal	14464679
CIE Lab	76.96, 11.43, 12.76
CIE LCh	77, 17.129, 48.152
Yxy	51.4616, 0.3587, 0.3469
Android (android.graphics.Color)	4292654759 (0xFFDCB6A7)
YUV	191.6520, -12.1534, 24.8612
Hunter-Lab	71.7367, 6.8817, 14.1083

Details

The XYZ color **53.2182, 51.4616, 43.6874** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **50.6854, 57.0438, 76.0495**, and the grayscale version is **49.9586, 52.5603, 57.2382**.

A 20% lighter version of the original color is **84.9994, 87.6830, 81.5518**, and **26.2546, 24.8308, 19.6287** is the 20% darker color. If you saturate the color by 10%, you get **48.3050, 44.6176, 32.8547**, and if you desaturate by 10%, it is **58.8440, 59.1763, 56.4657**.

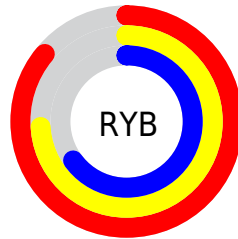
Distribution



Red (86%)

Green (71%)

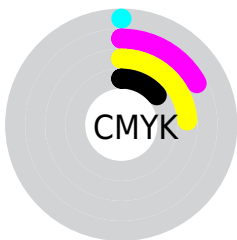
Blue (65%)



Red (86%)

Yellow (74%)

Blue (65%)

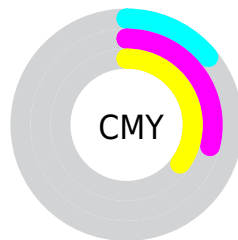


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (14%)



Cyan (14%)


Magenta (29%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2182, 51.4616, 43.6874 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 53.2182, 51.4616, 43.6874 by changing the saturation by 10% instead.


 53.2182, 51.4616,
43.6874


 53.2182, 51.4616,
43.6874


389.3689,
392.3545, 377.4351

 38.2052, 36.5761,
30.0894

 94.0890, 92.3367,
82.0446

 26.3199, 24.8795,
19.6539

 120.6775,
119.0952, 107.6409

 17.1970, 15.9873,
11.9621


151.8552,
150.5800, 138.0738

 10.4713, 9.5151,
6.5957

187.9874,
187.1757, 173.7617

 5.7772, 5.0787,
3.1360

229.4395,
229.2666, 215.1233

 2.7494, 2.2935,
1.1645

276.5769,

 1.0227, 0.7703,

277.2371, 262.5770

0.0000

329.7649,
331.4716, 316.5414

■ 0.0000, 0.0000,
0.0000

■ 53.2182, 51.4616,
43.6874

■ 53.2182, 51.4616,
43.6874

■ 48.3050, 44.6176,
32.8547

■ 58.8440, 59.1763,
56.4657

■ 44.0708, 38.6063,
23.8683

■ 65.2060, 67.7841,
71.2759

■ 40.4852, 33.3970,
16.6247

■ 72.3317, 77.3153,
88.2030

■ 37.5138, 28.9545,
11.0090

■ 80.2457, 87.7965,
107.3248

■ 35.1187, 25.2409,
6.8921

■ 83.3253, 93.9557,
108.3513

■ 33.2573, 22.2143,
4.1251

■ 31.8798, 19.8284,
2.5278

■ 31.2533, 18.6918,
1.9606

Harmonies

Analogous

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



55.1189, 51.4616, 50.6202



53.2182, 51.4616, 43.6874



50.2119, 51.4616, 40.2254

Triad

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



53.2182, 51.4616, 43.6874



43.0267, 51.4616, 52.4248



50.8932, 51.4616, 74.8964

Complementary

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



53.2182, 51.4616, 43.6874



50.6854, 57.0438, 76.0495

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.



47.6361, 51.4616, 75.5186



53.2182, 51.4616, 43.6874



43.1908, 51.4616, 61.8183

Square

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



53.2182, 51.4616, 43.6874



44.3871, 51.4616, 44.8817



44.8459, 51.4616, 70.5093



53.7359, 51.4616, 68.8933

Rectangle

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



53.2182, 51.4616, 43.6874



48.0285, 51.4616, 40.0643



44.8459, 51.4616, 70.5093



49.8077, 51.4616, 75.7643

Sweetspot

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



53.2196, 51.4640, 43.6885



88.3607, 91.0086, 93.1450



54.4587, 47.3034, 64.5682



18.7947, 19.3201, 19.6608



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.



53.2196, 51.4640, 43.6885



70.7028, 66.8325, 52.9165



58.9572, 62.9392, 45.6010



13.3547, 13.6488, 13.6562



18.4243, 11.1341, 1.1780



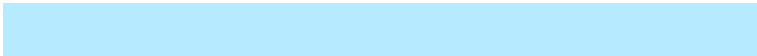
1.2661, 0.8662, 0.1005

Inverse Universe

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



50.6854, 57.0438, 76.0495



66.5590, 75.9322, 105.7561



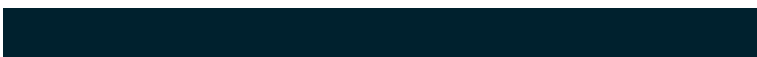
45.0489, 45.7708, 74.1707



13.1171, 14.1740, 16.6967



14.8281, 17.5257, 42.3397



1.0324, 1.2789, 2.7669

Previews

White Background



This preview shows how the XYZ color 53.2182, 51.4616, 43.6874 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 53.2182, 51.4616, 43.6874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

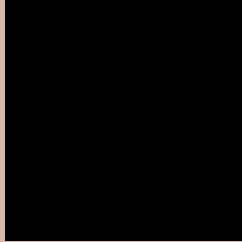
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2182, 51.4616, 43.6874

Background



This preview shows how black text looks on a background with the XYZ color 53.2182, 51.4616, 43.6874.



This preview shows how white text looks on a background with the XYZ color 53.2182, 51.4616,

43.6874.

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

53.2182, 51.4616, 43.6874

Protanopia

49.0528, 51.7730, 45.9359

Deuteranopia

52.5238, 51.4087, 43.7138



Tritanopia

55.8662, 51.3345, 56.8333

Trichromacy



Original Color

53.2182, 51.4616, 43.6874

Protanomaly

50.4796, 51.5647, 45.3226

Deuteranomaly

52.8220, 51.5624, 43.7277

Tritanomaly

54.7915, 51.1887, 51.7923

Monochromacy



Original Color

53.2182, 51.4616, 43.6874

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.8876, 51.9419, 52.1435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2182, 51.4616, 43.6874 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(220, 182, 167)` looks like.

```
.text, #text, p{  
    color:rgb(220, 182, 167)  
}
```

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(220, 182, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 182, 167) }
```

Border

The CSS property to change the border of an element to XYZ 53.2182, 51.4616, 43.6874 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(220, 182, 167) }
```


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

```
.border{ border-color:rgb(220, 182, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 182, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 182, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 182, 167);  
box-shadow:4px 4px 4px 4px rgb(220, 182,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2182, 51.4616, 43.6874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 182, 167) }
```

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

```
.background{ background-color: rgb(220,  
182, 167) }
```

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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