

Converting Colors

XYZ(53.8793, 51.5697, 43.1911)

Have a look what the booklet for
XYZ(53.8793, 51.5697, 43.1911)
contains.

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Color

**XYZ(53.8382, 51.4889,
43.1772)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB5A6
RGB	223, 181, 166
RGB Percent	87%, 71%, 65%
CMY	0.1255, 0.2902, 0.3490
CMYK	0.00, 0.19, 0.26, 0.13
HSL	16°, 47%, 76%
HSV	16°, 26%, 87%
XYZ	53.8382, 51.4889, 43.1772
YIQ	191.8480, 29.8470, 4.2390

Conversions

Conversions Part 2

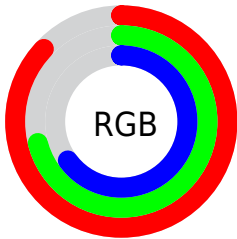
Format	Color
R _Y B	223, 186, 166
Decimal	14661030
CIE Lab	76.97, 12.95, 13.36
CIE LCh	77, 18.610, 45.900
Yxy	51.4889, 0.3625, 0.3467
Android (android.graphics.Color)	4292851110 (0xFFDFB5A6)
YUV	191.8480, -12.7431, 27.3203
Hunter-Lab	71.7558, 8.3556, 14.5528

Details

The XYZ color **53.8382, 51.4889, 43.1772** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.6004, 58.5447, 78.3928**, and the grayscale version is **50.0752, 52.6830, 57.3718**.

A 20% lighter version of the original color is **84.5753, 87.0488, 80.7511**, and **26.6928, 24.8687, 19.3129** is the 20% darker color. If you saturate the color by 10%, you get **48.8215, 44.4500, 32.2726**, and if you desaturate by 10%, it is **59.6064, 59.4624, 56.0833**.

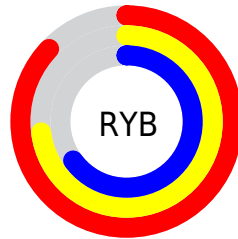
Distribution



Red (87%)

Green (71%)

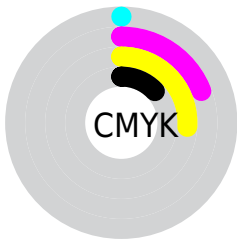
Blue (65%)



Red (87%)

Yellow (73%)

Blue (65%)

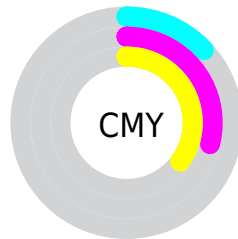


Cyan (0%)

Magenta (19%)

Yellow (26%)

Black (13%)



Cyan (13%)


Magenta (29%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8382, 51.4889, 43.1772 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 53.8382, 51.4889, 43.1772 by changing the saturation by 10% instead.


 53.8382, 51.4889,
43.1772


 53.8382, 51.4889,
43.1772

391.7011,
392.4603, 375.2826

 38.7025, 36.5978,
29.6917


 94.9949, 92.3770,
81.2674

 26.7080, 24.8963,
19.3547

 121.7466,
119.1429, 106.7093

 17.4895, 15.9998,
11.7474


153.1010,
150.6359, 136.9736

 10.6816, 9.5240,
6.4515

189.4235,
187.2402, 172.4791

 5.9189, 5.0845,
3.0483

231.0794,
229.3405, 213.6442

 2.8360, 2.2969,
1.1194

278.4341,

 1.0676, 0.7721,

277.3210, 260.8874

0.0000

331.8529,
331.5661, 314.6274

■ 0.0000, 0.0000,
0.0000

■ 53.8382, 51.4889,
43.1772

■ 53.8382, 51.4889,
43.1772

■ 48.8215, 44.4500,
32.2726

■ 59.6064, 59.4624,
56.0833

■ 44.5202, 38.3040,
23.2654

■ 66.1519, 68.3962,
71.0816

■ 40.9013, 33.0164,
16.0469

■ 73.5044, 78.3236,
88.2609

■ 37.9275, 28.5479,
10.4958

■ 81.6582, 89.2614,
107.5331

■ 35.5574, 24.8556,
6.4756

■ 84.2415, 94.4280,
108.3942

■ 33.7445, 21.8925,
3.8280

■ 32.4338, 19.6058,
2.3592

■ 31.9802, 18.7854,
1.9404

Harmonies

Analogous

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



55.7928, 51.4889, 50.8816



53.8382, 51.4889, 43.1772



50.6184, 51.4889, 39.1775

Triad

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



53.8382, 51.4889, 43.1772



42.6196, 51.4889, 51.4393



50.8304, 51.4889, 77.0160

Complementary

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



53.8382, 51.4889, 43.1772



51.6004, 58.5447, 78.3928

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.



47.2965, 51.4889, 77.2124



53.8382, 51.4889, 43.1772



42.6702, 51.4889, 61.5840

Square

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



53.8382, 51.4889, 43.1772



44.2040, 51.4889, 43.5428



44.3458, 51.4889, 71.2862



53.9998, 51.4889, 70.7781

Rectangle

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



53.8382, 51.4889, 43.1772



48.2411, 51.4889, 38.7969



44.3458, 51.4889, 71.2862



49.6429, 51.4889, 77.8141

Sweetspot

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



53.8396, 51.4913, 43.1783



87.3289, 89.5376, 90.9744



55.5457, 47.5521, 66.4107



18.3982, 18.7645, 18.7966



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.



53.8396, 51.4913, 43.1783



68.9831, 64.2157, 49.8074



60.0539, 63.9198, 45.2497



13.9992, 14.2843, 14.3261



18.8826, 11.2031, 1.1672



1.3811, 0.9210, 0.1050

Inverse Universe

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



51.6004, 58.5447, 78.3928



65.4205, 75.3988, 105.7131



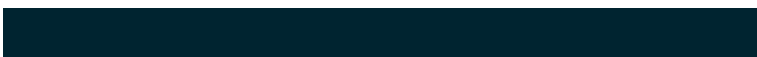
45.4175, 46.1789, 76.3318



13.7953, 14.9298, 17.5423



15.7655, 19.0005, 43.8849



1.1646, 1.4606, 3.0658

Previews

White Background



This preview shows how the XYZ color 53.8382, 51.4889, 43.1772 looks on a white background.

Color Contrast Check

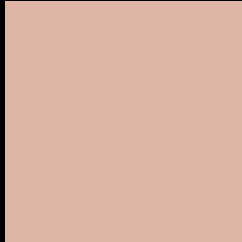
Large Text (above 18pt) WCAG AA × Fail

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 53.8382, 51.4889, 43.1772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

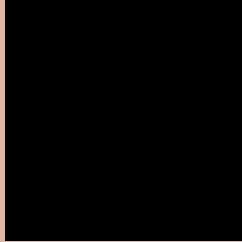
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8382, 51.4889, 43.1772

Background



This preview shows how black text looks on a background with the XYZ color 53.8382, 51.4889, 43.1772.



This preview shows how white text looks on a background with the XYZ color 53.8382, 51.4889,

43.1772.

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

53.8382, 51.4889, 43.1772

Protanopia

48.9579, 51.7350, 45.4357

Deuteranopia

52.7299, 51.5256, 43.2427



Tritanopia

56.4901, 51.3746, 56.2292

Trichromacy



Original Color

53.8382, 51.4889, 43.1772

Protanomaly

50.6639, 51.6706, 44.8393

Deuteranomaly

53.1261, 51.4247, 43.2023

Tritanomaly

55.4152, 51.2257, 51.2228

Monochromacy



Original Color

53.8382, 51.4889, 43.1772

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.1591, 52.0818, 52.1562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8382, 51.4889, 43.1772 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(223, 181, 166)` looks like.

```
.text, #text, p{  
    color:rgb(223, 181, 166)  
}
```

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(223, 181, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 181, 166) }
```

Border

The CSS property to change the border of an element to XYZ 53.8382, 51.4889, 43.1772 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(223, 181, 166) }
```


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

```
.border{ border-color:rgb(223, 181, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 181, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 181, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 181, 166); box-shadow:4px 4px 4px 4px rgb(223, 181, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8382, 51.4889, 43.1772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 181, 166) }
```

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

```
.background{ background-color: rgb(223,  
181, 166) }
```

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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