

Converting Colors

XYZ(53.1842, 51.3785, 46.6491)

Have a look what the booklet for
XYZ(53.1842, 51.3785, 46.6491)
contains.

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Color

**XYZ(53.1842, 51.3785,
46.6491)**

Conversions

Conversions Part 1

Format	Color
Hex	DAB6AD
RGB	218, 182, 173
RGB Percent	85%, 71%, 68%
CMY	0.1451, 0.2863, 0.3216
CMYK	0.00, 0.17, 0.21, 0.15
HSL	12°, 38%, 77%
HSV	12°, 21%, 85%
XYZ	53.1842, 51.3785, 46.6491
YIQ	191.7380, 24.3450, 4.8330

Conversions

Conversions Part 2

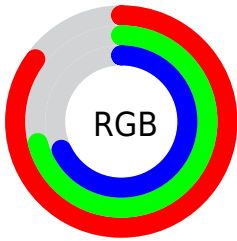
Format	Color
R _Y B	218, 184, 173
Decimal	14333613
CIE Lab	76.91, 11.56, 9.41
CIE LCh	77, 14.904, 39.164
Yxy	51.3785, 0.3517, 0.3398
Android (android.graphics.Color)	4292523693 (0xFFDAB6AD)
YUV	191.7380, -9.2378, 23.0318
Hunter-Lab	71.6788, 7.0054, 11.5888

Details

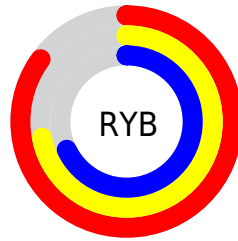
The XYZ color **53.1842, 51.3785, 46.6491** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **52.6883, 59.5454, 75.0464**, and the grayscale version is **49.9935, 52.5971, 57.2782**.

A 20% lighter version of the original color is **85.8181, 88.0105, 85.8634**, and **26.4057, 24.8675, 21.4973** is the 20% darker color. If you saturate the color by 10%, you get **47.8931, 43.9009, 35.3134**, and if you desaturate by 10%, it is **59.2670, 59.8879, 59.9479**.

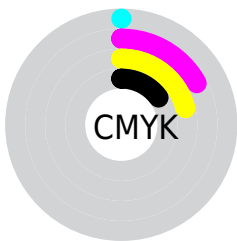
Distribution



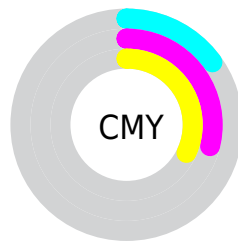
- Red (85%)
- Green (71%)
- Blue (68%)



- Red (85%)
- Yellow (72%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1842, 51.3785, 46.6491 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 53.1842, 51.3785, 46.6491 by changing the saturation by 10% instead.

■ 53.1842, 51.3785,
46.6491

■ 53.1842, 51.3785,
46.6491

389.2407,
392.0326, 389.7653

■ 38.1779, 36.5099,
32.4060

■ 94.0393, 92.2140,
86.5341

■ 26.2986, 24.8283,
21.4044

120.6188,
118.9497, 113.0130

■ 17.1810, 15.9492,
13.2258

151.7868,
150.4100, 144.4077

■ 10.4598, 9.4882,
7.4517

187.9085,
186.9791, 181.1366

■ 5.7694, 5.0610,
3.6634

229.3494,
229.0415, 223.6182

■ 2.7447, 2.2831,
1.4426

276.4749,

■ 1.0202, 0.7647,

276.9817, 272.2712

0.1746

329.6502,
331.1839, 327.5140

■ 0.0000, 0.0000,
0.0000

■ 53.1842, 51.3785,
46.6491

■ 53.1842, 51.3785,
46.6491

■ 47.8931, 43.9009,
35.3134

■ 59.2670, 59.8879,
59.9479

■ 43.3566, 37.4090,
25.8445

■ 66.1684, 69.4591,
75.2937

■ 39.5408, 31.8631,
18.1425

■ 73.9190, 80.1298,
92.7692

■ 36.4075, 27.2186,
12.0970

■ 81.6977, 91.5939,
107.9812

■ 33.9146, 23.4270,
7.5850

■ 82.7235, 93.6455,
108.3231

■ 32.0155, 20.4349,
4.4663

■ 30.6561, 18.1829,
2.5746

■ 29.8002, 16.6788,
1.6487

Harmonies

Analogous

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



54.4165, 51.3785, 53.4922



53.1842, 51.3785, 46.6491



50.7988, 51.3785, 42.5810

Triad

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



53.1842, 51.3785, 46.6491



43.9132, 51.3785, 50.5702



49.7072, 51.3785, 72.8172

Complementary

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



53.1842, 51.3785, 46.6491



52.6883, 59.5454, 75.0464

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.



46.9200, 51.3785, 71.8419



53.1842, 51.3785, 46.6491



43.6464, 51.3785, 58.4664

Square

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



53.1842, 51.3785, 46.6491



45.4707, 51.3785, 44.6881



44.7272, 51.3785, 66.3947



52.3586, 51.3785, 68.9435

Rectangle

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



53.1842, 51.3785, 46.6491



48.9133, 51.3785, 41.7368



44.7272, 51.3785, 66.3947



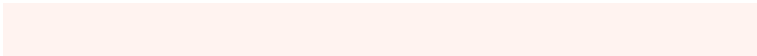
48.7542, 51.3785, 73.0531

Sweetspot

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



53.1856, 51.3808, 46.6502



88.9029, 91.4920, 95.1786



55.3661, 49.3966, 66.9384



18.8913, 19.3921, 20.0666



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.



53.1856, 51.3808, 46.6502



72.2659, 68.2213, 58.7938



58.1686, 61.3468, 48.3112



13.2660, 13.4713, 13.6266



17.9143, 10.1142, 1.0080



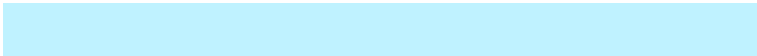
1.2219, 0.7779, 0.0857

Inverse Universe

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



52.6883, 59.5454, 75.0464



71.4235, 81.9783, 106.6667



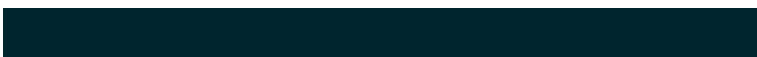
47.5535, 49.2757, 73.3347



13.2120, 14.3638, 16.7283



16.7713, 21.4120, 42.9874



1.1439, 1.5020, 2.8041

Previews

White Background



This preview shows how the XYZ color 53.1842, 51.3785, 46.6491 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 53.1842, 51.3785, 46.6491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

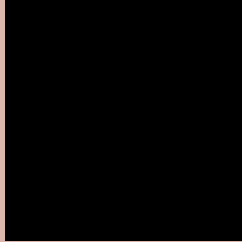
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1842, 51.3785, 46.6491

Background



This preview shows how black text looks on a background with the XYZ color 53.1842, 51.3785, 46.6491.



This preview shows how white text looks on a background with the XYZ color 53.1842, 51.3785,

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

53.1842, 51.3785, 46.6491

Protanopia

49.1594, 51.4398, 48.9329

Deuteranopia

52.5006, 51.3312, 46.6760



Tritanopia

55.2609, 51.3061, 57.4426

Trichromacy



Original Color

53.1842, 51.3785, 46.6491

Protanomaly

50.5722, 51.2315, 48.2975

Deuteranomaly

52.7952, 51.4830, 46.6898

Tritanomaly

54.3976, 51.2478, 53.4791

Monochromacy



Original Color

53.1842, 51.3785, 46.6491

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.8276, 51.8867, 53.2352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1842, 51.3785, 46.6491 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(218, 182, 173)` looks like.

```
.text, #text, p{  
    color:rgb(218, 182, 173)  
}
```

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(218, 182, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 182, 173) }
```

Border

The CSS property to change the border of an element to XYZ 53.1842, 51.3785, 46.6491 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(218, 182, 173) }
```


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

```
.border{ border-color:rgb(218, 182, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 182, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 182, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 182, 173);  
box-shadow:4px 4px 4px 4px rgb(218, 182,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1842, 51.3785, 46.6491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 182, 173) }
```

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

```
.background{ background-color: rgb(218,  
182, 173) }
```

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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