

Converting Colors

XYZ(51.6957, 46.7384, 54.1421)

Have a look what the booklet for
XYZ(51.6957, 46.7384, 54.1421)
contains.

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Color

**XYZ(51.5840, 46.6057,
53.8540)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A9BC
RGB	216, 169, 188
RGB Percent	85%, 66%, 74%
CMY	0.1529, 0.3372, 0.2627
CMYK	0.00, 0.22, 0.13, 0.15
HSL	336°, 38%, 75%
HSV	336°, 22%, 85%
XYZ	51.5840, 46.6057, 53.8540
YIQ	185.2190, 21.9130, 15.8730

Conversions

Conversions Part 2

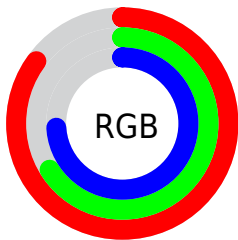
Format	Color
R _Y B	216, 169, 188
Decimal	14199228
CIE Lab	73.94, 20.19, -3.10
CIE LCh	74, 20.424, 351.260
Yxy	46.6057, 0.3393, 0.3065
Android (android.graphics.Color)	4292389308 (0xFFD8A9BC)
YUV	185.2190, 1.3710, 26.9949
Hunter-Lab	68.2684, 15.4061, 1.0165

Details

The XYZ color **51.5840, 46.6057, 53.8540** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.9980, 61.5793, 62.0244**, and the grayscale version is **46.2211, 48.6282, 52.9561**.

A 20% lighter version of the original color is **84.2248, 81.1030, 96.8033**, and **25.4324, 22.0489, 25.8371** is the 20% darker color. If you saturate the color by 10%, you get **46.5668, 38.6930, 45.6396**, and if you desaturate by 10%, it is **57.3914, 55.8997, 62.9433**.

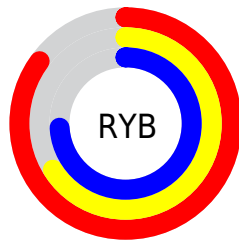
Distribution



Red (85%)

Green (66%)

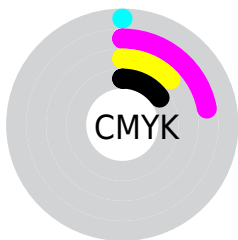
Blue (74%)



Red (85%)

Yellow (66%)

Blue (74%)

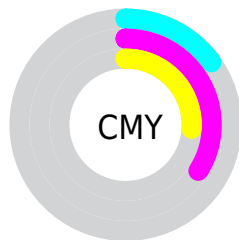


Cyan (0%)

Magenta (22%)

Yellow (13%)

Black (15%)



Cyan (15%)


Magenta (34%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5840, 46.6057, 53.8540 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 51.5840, 46.6057, 53.8540 by changing the saturation by 10% instead.

 51.5840, 46.6057,
53.8540


 51.5840, 46.6057,
53.8540


383.1789,
373.2384, 418.7119

 36.8965, 32.7241,
38.0926


 91.6953, 85.1248,
97.3141

 25.3007, 21.9151,
25.7522


 117.8498,
110.5310, 125.8498

 16.4311, 13.7946,
16.4142

148.5574,
140.5475, 159.4807

 9.9225, 7.9779,
9.6602

184.1835,
175.5587, 198.6254

 5.4095, 4.0808,
5.0716

225.0933,
215.9490, 243.7022

 2.5267, 1.7189,
2.2299

271.6522,

 0.9087, 0.4358,

262.1028, 295.1299

0.6915

324.2256,
314.4045, 353.3270

■ 0.0000, 0.0000,
0.0000

■ 51.5840, 46.6057,
53.8540

■ 51.5840, 46.6057,
53.8540

■ 46.5668, 38.6930,
45.6396

■ 57.3914, 55.8997,
62.9433

■ 42.3001, 32.0889,
38.2694

■ 64.0184, 66.6305,
72.9309

■ 38.7464, 26.7235,
31.7148

■ 71.4978, 78.8584,
83.8431

■ 35.8636, 22.5178,
25.9446

■ 79.7299, 92.3794,
95.6608

■ 33.6045, 19.3836,
20.9249

■ 81.7049, 93.1694,
106.0613

■ 31.9155, 17.2198,
16.6189

■ 82.1292, 93.3391,
108.2953

■ 30.7330, 15.9056,
12.9850

■ 30.0521, 15.2923,
10.4510

Harmonies

Analogous

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



49.9858, 46.6057, 64.3564



51.5840, 46.6057, 53.8540



51.1478, 46.6057, 43.8168

Triad

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



51.5840, 46.6057, 53.8540



41.8068, 46.6057, 34.2588



40.0588, 46.6057, 68.0474

Complementary

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



51.5840, 46.6057, 53.8540



50.9980, 61.5793, 62.0244

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.



38.0875, 46.6057, 58.3690



51.5840, 46.6057, 53.8540



39.0576, 46.6057, 39.2035

Square

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



51.5840, 46.6057, 53.8540



45.3698, 46.6057, 33.3952



37.7313, 46.6057, 47.7593



43.2419, 46.6057, 73.2563

Rectangle

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



51.5840, 46.6057, 53.8540



49.7716, 46.6057, 38.6376



37.7313, 46.6057, 47.7593



39.2399, 46.6057, 65.1509

Sweetspot

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



51.5853, 46.6078, 53.8550



87.9523, 88.4691, 98.3196



49.4579, 45.1278, 71.0702



18.7005, 18.7340, 20.8558



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.



51.5853, 46.6078, 53.8550



71.7031, 62.4582, 72.9031



50.4096, 47.3209, 44.0156



12.6292, 12.5032, 13.9876



17.8379, 9.0715, 6.4506



1.1163, 0.5633, 0.6019

Inverse Universe

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



51.5853, 46.6078, 53.8550



71.7031, 62.4582, 72.9031



52.3227, 60.5228, 73.8908



12.6292, 12.5032, 13.9876



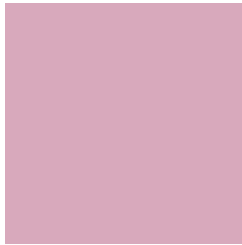
17.8379, 9.0715, 6.4506



1.1163, 0.5633, 0.6019

Previews

White Background



This preview shows how the XYZ color 51.5840, 46.6057, 53.8540 looks on a white background.

Color Contrast Check

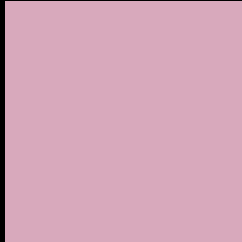
Large Text (above 18pt) WCAG AA × Fail

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 51.5840, 46.6057, 53.8540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

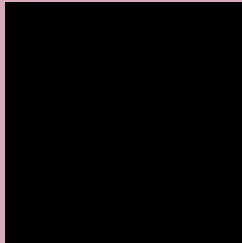
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5840, 46.6057, 53.8540

Background



This preview shows how black text looks on a background with the XYZ color 51.5840, 46.6057, 53.8540.



This preview shows how white text looks on a background with the XYZ color 51.5840, 46.6057,

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

51.5840, 46.6057, 53.8540

Protanopia

45.4303, 46.8116, 58.2709

Deuteranopia

47.5209, 46.5088, 53.4862



Tritanopia

50.9463, 46.6154, 51.1123

Trichromacy



Original Color

51.5840, 46.6057, 53.8540

Protanomaly

47.4847, 46.7194, 56.3842

Deuteranomaly

48.8151, 46.3124, 53.3801

Tritanomaly

51.1560, 46.6993, 52.2166

Monochromacy



Original Color

51.5840, 46.6057, 53.8540

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.7480, 47.5211, 53.1103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5840, 46.6057, 53.8540 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(216, 169, 188)` looks like.

```
.text, #text, p{  
    color:rgb(216, 169, 188)  
}
```

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(216, 169, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 169, 188) }
```

Border

The CSS property to change the border of an element to XYZ 51.5840, 46.6057, 53.8540 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(216, 169, 188) }
```


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

```
.border{ border-color:rgb(216, 169, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 169, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 169, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 169, 188);  
box-shadow:4px 4px 4px 4px rgb(216, 169,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5840, 46.6057, 53.8540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 169, 188) }
```

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

```
.background{ background-color: rgb(216,  
169, 188) }
```

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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