

Converting Colors

XYZ(51.4937, 46.1981, 44.2844)

Have a look what the booklet for
XYZ(51.4937, 46.1981, 44.2844)
contains.

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Color

**XYZ(51.5058, 46.2277,
44.2384)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA7AA
RGB	223, 167, 170
RGB Percent	87%, 65%, 67%
CMY	0.1255, 0.3451, 0.3333
CMYK	0.00, 0.25, 0.24, 0.13
HSL	357°, 47%, 76%
HSV	357°, 25%, 87%
XYZ	51.5058, 46.2277, 44.2384
YIQ	184.0860, 32.4130, 12.8050

Conversions

Conversions Part 2

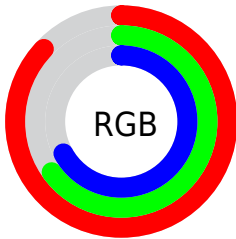
Format	Color
R _{YB}	223, 167, 170
Decimal	14657450
CIE Lab	73.69, 21.03, 6.51
CIE LCh	74, 22.017, 17.207
Yxy	46.2277, 0.3628, 0.3256
Android (android.graphics.Color)	4292847530 (0xFFDFA7AA)
YUV	184.0860, -6.9444, 34.1276
Hunter-Lab	67.9910, 16.2365, 9.0166

Details

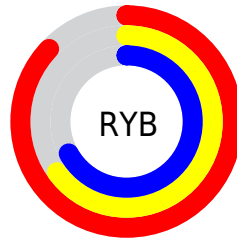
The XYZ color **51.5058, 46.2277, 44.2384** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.2442, 66.1591, 77.5717**, and the grayscale version is **45.6332, 48.0096, 52.2825**.

A 20% lighter version of the original color is **80.9519, 78.9388, 82.2042**, and **25.3371, 21.7850, 20.0090** is the 20% darker color. If you saturate the color by 10%, you get **45.9283, 38.0155, 33.3065**, and if you desaturate by 10%, it is **58.1108, 55.9812, 57.0954**.

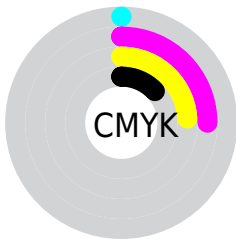
Distribution



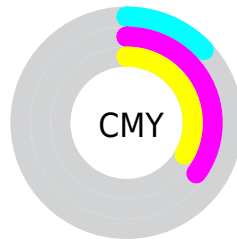
- Red (87%)
- Green (65%)
- Blue (67%)



- Red (87%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (24%)
- Black (13%)





- Cyan (13%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5058, 46.2277, 44.2384 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 51.5058, 46.2277, 44.2384 by changing the saturation by 10% instead.


 51.5058, 46.2277,
44.2384


 51.5058, 46.2277,
44.2384


382.8811,
371.7233, 379.7500

 36.8340, 32.4255,
30.5194

 91.5805, 84.5597,
82.8827

 25.2521, 21.6867,
19.9778


 117.7142,
109.8583, 108.6450

 16.3947, 13.6269,
12.1950


148.3991,
139.7578, 139.2589

 9.8965, 7.8616,
6.7525

184.0008,
174.6427, 175.1428

 5.3921, 4.0065,
3.2317

224.8844,
214.8973, 216.7153

 2.5162, 1.6772,
1.2141

271.4155,

 0.9034, 0.4088,

260.9060, 264.3950

0.0000

323.9592,
313.0532, 318.6004

■ 0.0000, 0.0000,
0.0000

■ 51.5058, 46.2277,
44.2384

■ 51.5058, 46.2277,
44.2384

■ 45.9283, 38.0155,
33.3065

■ 58.1108, 55.9812,
57.0954

■ 41.3232, 31.2598,
24.2045

■ 65.7874, 67.3424,
71.9609

■ 37.6358, 25.8774,
16.8331

■ 74.5816, 80.3816,
88.9168

■ 34.8046, 21.7742,
11.0826

■ 84.1497, 94.3913,
107.9110

■ 32.7606, 18.8442,
6.8309

■ 84.2415, 94.4280,
108.3942

■ 31.4237, 16.9642,
3.9384

■ 30.6973, 15.9841,
2.2392

■ 30.4974, 15.7144,
1.7714

Harmonies

Analogous

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



51.6724, 46.2277, 55.2460



51.5058, 46.2277, 44.2384



49.2375, 46.2277, 36.1491

Triad

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



51.5058, 46.2277, 44.2384



38.6566, 46.2277, 37.0963



42.2968, 46.2277, 74.3441

Complementary

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



51.5058, 46.2277, 44.2384



55.2442, 66.1591, 77.5717

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.



39.0332, 46.2277, 67.8155



51.5058, 46.2277, 44.2384



37.0168, 46.2277, 45.7223

Square

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



51.5058, 46.2277, 44.2384



41.7546, 46.2277, 32.4643



37.1504, 46.2277, 56.9655



46.1963, 46.2277, 73.7897

Rectangle

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



51.5058, 46.2277, 44.2384



46.9107, 46.2277, 33.0021



37.1504, 46.2277, 56.9655



41.0937, 46.2277, 72.8689

Sweetspot

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



51.5071, 46.2298, 44.2393



85.9294, 86.4861, 91.2865



56.4330, 48.0688, 76.1161



18.0488, 18.0028, 18.8739



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.



51.5071, 46.2298, 44.2393



65.7649, 56.7021, 52.0561



56.0968, 55.8577, 44.3870



13.7368, 13.7124, 14.3842



17.9448, 9.2449, 1.1089



1.2545, 0.6451, 0.1328

Inverse Universe

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



51.5071, 46.2298, 44.2393



65.7649, 56.7021, 52.0561



49.6196, 54.2693, 77.6720



13.7368, 13.7124, 14.3842



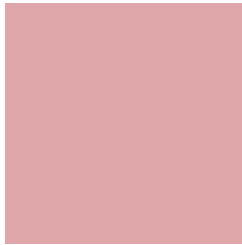
17.9448, 9.2449, 1.1089



1.2545, 0.6451, 0.1328

Previews

White Background



This preview shows how the XYZ color 51.5058, 46.2277, 44.2384 looks on a white background.

Color Contrast Check

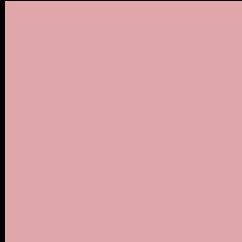
Large Text (above 18pt) WCAG AA × Fail

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 51.5058, 46.2277, 44.2384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

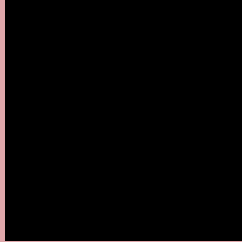
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5058, 46.2277, 44.2384

Background



This preview shows how black text looks on a background with the XYZ color 51.5058, 46.2277, 44.2384.



This preview shows how white text looks on a background with the XYZ color 51.5058, 46.2277,

44.2384.

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

51.5058, 46.2277, 44.2384

Protanopia

44.4673, 46.5364, 48.2337

Deuteranopia

47.2997, 46.3245, 43.4943



Tritanopia

52.4126, 46.3341, 48.3004

Trichromacy



Original Color

51.5058, 46.2277, 44.2384

Protanomaly

46.7185, 46.2488, 46.5090

Deuteranomaly

48.7779, 46.2185, 43.8863

Tritanomaly

52.1146, 46.2149, 46.7311

Monochromacy



Original Color

51.5058, 46.2277, 44.2384

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.3458, 47.1012, 49.2439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5058, 46.2277, 44.2384 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, 167, 170)` looks like.

```
.text, #text, p{  
    color:rgb(223, 167, 170)  
}
```

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, 167, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 167, 170) }
```

Border

The CSS property to change the border of an element to XYZ 51.5058, 46.2277, 44.2384 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, 167, 170) }
```


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

```
.border{ border-color:rgb(223, 167, 170) }
```

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

Here you see how a box with a 4 pixel rgb(223, 167, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(223, 167,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5058, 46.2277, 44.2384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 167, 170) }
```

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

```
.background{ background-color: rgb(223,  
167, 170) }
```

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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