

Converting Colors

XYZ(52.9329, 50.4601, 45.0567)

Have a look what the booklet for
XYZ(52.9329, 50.4601, 45.0567)
contains.

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Color

**XYZ(52.8910, 50.3581,
44.9626)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB3AA
RGB	220, 179, 170
RGB Percent	86%, 70%, 67%
CMY	0.1373, 0.2980, 0.3333
CMYK	0.00, 0.19, 0.23, 0.14
HSL	11°, 42%, 76%
HSV	11°, 23%, 86%
XYZ	52.8910, 50.3581, 44.9626
YIQ	190.2330, 27.3250, 5.8930

Conversions

Conversions Part 2

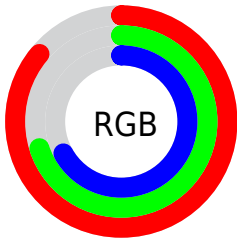
Format	Color
R _Y B	220, 181, 170
Decimal	14463914
CIE Lab	76.29, 13.47, 10.18
CIE LCh	76, 16.883, 37.100
Yxy	50.3581, 0.3569, 0.3398
Android (android.graphics.Color)	4292653994 (0xFFDCB3AA)
YUV	190.2330, -9.9749, 26.1057
Hunter-Lab	70.9634, 8.8549, 12.1081

Details

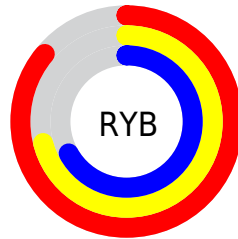
The XYZ color **52.8910, 50.3581, 44.9626** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.7896, 60.3003, 76.5673**, and the grayscale version is **49.1236, 51.6818, 56.2815**.

A 20% lighter version of the original color is **84.5389, 86.1129, 83.3999**, and **26.0407, 24.1222, 20.4231** is the 20% darker color. If you saturate the color by 10%, you get **47.5999, 42.8322, 33.7761**, and if you desaturate by 10%, it is **59.0061, 58.9738, 58.1431**.

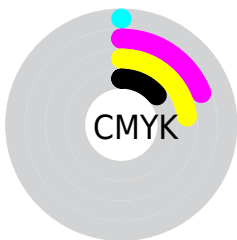
Distribution



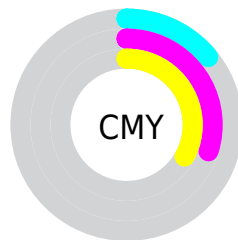
- Red (86%)
- Green (70%)
- Blue (67%)



- Red (86%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (14%)





- Cyan (14%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8910, 50.3581, 44.9626 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 52.8910, 50.3581, 44.9626 by changing the saturation by 10% instead.


 52.8910, 50.3581,
44.9626

 52.8910, 50.3581,
44.9626


388.1345,
388.0647, 382.7778

 37.9429, 35.6980,
31.0852

 93.6104, 90.7052,
83.9821

 26.1154, 24.2011,
20.4048


120.1125,
117.1611, 109.9614

 17.0431, 15.4828,
12.5026


151.1965,
148.3176, 140.8117

 10.3607, 9.1589,
6.9603

187.2279,
184.5592, 176.9516

 5.7029, 4.8450,
3.3592

228.5721,
226.2704, 218.7996

 2.7042, 2.1566,
1.2808

275.5943,

 0.9993, 0.6962,

273.8354, 266.7743

0.0460

328.6600,
327.6387, 321.2941

■ 0.0000, 0.0000,
0.0000

■ 52.8910, 50.3581,
44.9626

■ 52.8910, 50.3581,
44.9626

■ 47.5999, 42.8322,
33.7761

■ 59.0061, 58.9738,
58.1431

■ 43.0931, 36.3457,
24.4832

■ 65.9744, 68.7134,
73.4050

■ 39.3339, 30.8548,
16.9795

■ 73.8288, 79.6177,
90.8345

■ 36.2807, 26.3096,
11.1489

■ 82.1120, 91.5289,
107.9468

■ 33.8880, 22.6559,
6.8620

■ 83.3254, 93.9557,
108.3513

■ 32.1043, 19.8337,
3.9700

■ 30.8701, 17.7755,
2.2942

■ 30.2614, 16.7077,
1.6300

Harmonies

Analogous

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



54.1698, 50.3581, 52.7022



52.8910, 50.3581, 44.9626



50.2747, 50.3581, 40.2736

Triad

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



52.8910, 50.3581, 44.9626



42.4665, 50.3581, 48.3163



48.6211, 50.3581, 74.0390

Complementary

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



52.8910, 50.3581, 44.9626



52.7896, 60.3003, 76.5673

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.



45.5314, 50.3581, 72.5323



52.8910, 50.3581, 44.9626



42.0674, 50.3581, 57.0172

Square

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



52.8910, 50.3581, 44.9626



44.2810, 50.3581, 42.0555



43.1658, 50.3581, 66.0479



51.6350, 50.3581, 69.9635

Rectangle

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



52.8910, 50.3581, 44.9626



48.1728, 50.3581, 39.1820



43.1658, 50.3581, 66.0479



47.5562, 50.3581, 74.1753

Sweetspot

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



52.8924, 50.3604, 44.9636



87.8155, 89.9182, 92.9633



55.7321, 48.7023, 68.5307



18.6687, 19.0682, 19.6188



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.



52.8924, 50.3604, 44.9636



70.4386, 65.4511, 55.4588



58.2061, 60.9879, 46.7349



13.2447, 13.4288, 13.6195



17.8181, 9.9218, 0.9760



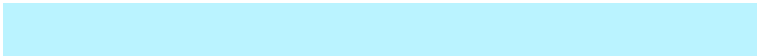
1.2119, 0.7580, 0.0824

Inverse Universe

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



52.7896, 60.3003, 76.5673



70.2675, 81.5406, 106.6432



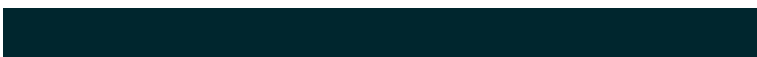
47.1961, 49.1133, 74.7028



13.2351, 14.4099, 16.7360



17.2804, 22.4303, 43.1571



1.1726, 1.5594, 2.8136

Previews

White Background



This preview shows how the XYZ color 52.8910, 50.3581, 44.9626 looks on a white background.

Color Contrast Check

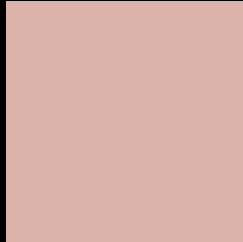
Large Text (above 18pt) WCAG AA × Fail

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 52.8910, 50.3581, 44.9626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

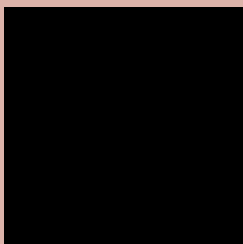
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8910, 50.3581, 44.9626

Background



This preview shows how black text looks on a background with the XYZ color 52.8910, 50.3581, 44.9626.



This preview shows how white text looks on a background with the XYZ color 52.8910, 50.3581,

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

52.8910, 50.3581, 44.9626

Protanopia

48.2268, 50.6637, 47.7947

Deuteranopia

51.4242, 50.5043, 45.0682



Tritanopia

54.9438, 50.2980, 55.5278

Trichromacy



Original Color

52.8910, 50.3581, 44.9626

Protanomaly

49.7936, 50.5524, 46.6684

Deuteranomaly

52.0985, 50.5490, 45.0412

Tritanomaly

54.0882, 50.2353, 51.6454

Monochromacy



Original Color

52.8910, 50.3581, 44.9626

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.1935, 50.9542, 51.9894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8910, 50.3581, 44.9626 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, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(220, 179, 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(220, 179, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 179, 170) }
```

Border

The CSS property to change the border of an element to XYZ 52.8910, 50.3581, 44.9626 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, 179, 170) }
```


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

```
.border{ border-color:rgb(220, 179, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 179, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 179, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 179, 170);  
box-shadow:4px 4px 4px 4px rgb(220, 179,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8910, 50.3581, 44.9626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 179, 170) }
```

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

```
.background{ background-color: rgb(220,  
179, 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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