

Converting Colors

XYZ(52.8044, 50.7651, 51.8178)

Have a look what the booklet for
XYZ(52.8044, 50.7651, 51.8178)
contains.

XYZ(52.8027, 50.7628, 51.8149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.8027, 50.7628,
51.8149)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B5B7
RGB	214, 181, 183
RGB Percent	84%, 71%, 72%
CMY	0.1608, 0.2902, 0.2823
CMYK	0.00, 0.15, 0.14, 0.16
HSL	356°, 29%, 77%
HSV	356°, 15%, 84%
XYZ	52.8027, 50.7628, 51.8149
YIQ	191.0950, 19.0260, 7.6180

Conversions

Conversions Part 2

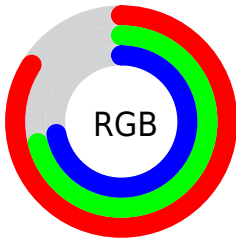
Format	Color
R _Y B	214, 181, 183
Decimal	14071223
CIE Lab	76.54, 12.17, 3.40
CIE LCh	77, 12.639, 15.596
Yxy	50.7628, 0.3398, 0.3267
Android (android.graphics.Color)	4292261303 (0xFFD6B5B7)
YUV	191.0950, -3.9908, 20.0877
Hunter-Lab	71.2480, 7.6043, 6.7551

Details

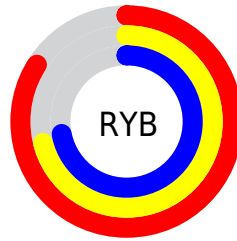
The XYZ color **52.8027, 50.7628, 51.8149** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.9883, 62.6717, 71.4892**, and the grayscale version is **49.5922, 52.1749, 56.8184**.

A 20% lighter version of the original color is **87.1042, 88.0604, 94.0678**, and **26.0465, 24.4210, 24.4600** is the 20% darker color. If you saturate the color by 10%, you get **46.8358, 41.9418, 40.2284**, and if you desaturate by 10%, it is **59.7398, 61.0447, 65.2008**.

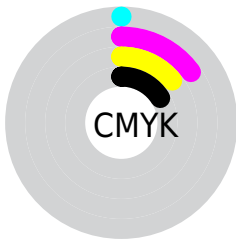
Distribution



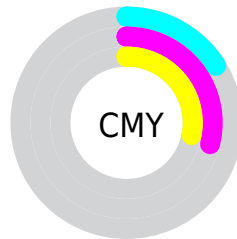
- Red (84%)
- Green (71%)
- Blue (72%)



- Red (84%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8027, 50.7628, 51.8149 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 52.8027, 50.7628, 51.8149 by changing the saturation by 10% instead.

■ 52.8027, 50.7628,
51.8149

■ 52.8027, 50.7628,
51.8149

387.8010,
389.6415, 410.6582

■ 37.8721, 36.0199,
36.4763

■ 93.4812, 91.3041,
94.2820

■ 26.0602, 24.4495,
24.5097

119.9599,
117.8712, 122.2476

■ 17.0016, 15.6674,
15.4965

151.0186,
149.1485, 155.2593

■ 10.3310, 9.2891,
9.0181

187.0228,
185.5203, 193.7357

■ 5.6829, 4.9302,
4.6560

228.3378,
227.3712, 238.0952

■ 2.6920, 2.2064,
1.9917

275.3289,

■ 0.9931, 0.7235,

275.0854, 288.7564

0.5502

328.3615,
329.0474, 346.1379

■ 0.0000, 0.0000,
0.0000

■ 52.8027, 50.7628,
51.8149

■ 52.8027, 50.7628,
51.8149

■ 46.8358, 41.9418,
40.2284

■ 59.7398, 61.0447,
65.2008

■ 41.7918, 34.5089,
30.3616

■ 67.6831, 72.8422,
80.4548

■ 37.6258, 28.3956,
22.1334

■ 76.6721, 86.2158,
97.6461

■ 34.2877, 23.5247,
15.4550

■ 81.5418, 93.0363,
108.2678

■ 31.7220, 19.8109,
10.2294

■ 29.8666, 17.1584,
6.3483

■ 28.6498, 15.4560,
3.6885

■ 27.9846, 14.5676,
2.1039

■ 27.8041, 14.3252,
1.6785

Harmonies

Analogous

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



52.8290, 50.7628, 58.6046



52.8027, 50.7628, 51.8149



51.5297, 50.7628, 46.4082

Triad

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



52.8027, 50.7628, 51.8149



45.0452, 50.7628, 46.5805



47.1165, 50.7628, 68.9968

Complementary

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



52.8027, 50.7628, 51.8149



54.9883, 62.6717, 71.4892

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.



45.1097, 50.7628, 65.1983



52.8027, 50.7628, 51.8149



43.9408, 50.7628, 52.0683

Square

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



52.8027, 50.7628, 51.8149



47.0258, 50.7628, 43.5603



43.9640, 50.7628, 58.8797



49.4923, 50.7628, 68.9148

Rectangle

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



52.8027, 50.7628, 51.8149



50.1685, 50.7628, 44.1516



43.9640, 50.7628, 58.8797



46.3781, 50.7628, 68.1186

Sweetspot

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



52.8041, 50.7651, 51.8160



89.2475, 91.3855, 97.7462



55.7567, 51.8725, 70.6926



18.9347, 19.3111, 20.5984



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.



52.8041, 50.7651, 51.8160



75.0122, 70.2952, 70.2490



55.6560, 56.7990, 51.7488



12.4534, 12.4329, 13.0619



16.8186, 8.6637, 1.0826



1.0254, 0.5269, 0.1230

Inverse Universe

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



52.8041, 50.7651, 51.8160



75.0122, 70.2952, 70.2490



51.7805, 55.8505, 71.6700



12.4534, 12.4329, 13.0619



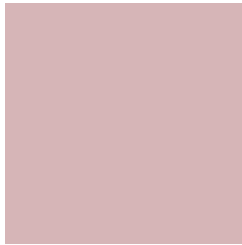
16.8186, 8.6637, 1.0826



1.0254, 0.5269, 0.1230

Previews

White Background



This preview shows how the XYZ color 52.8027, 50.7628, 51.8149 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 52.8027, 50.7628, 51.8149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

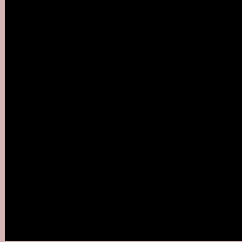
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8027, 50.7628, 51.8149

Background



This preview shows how black text looks on a background with the XYZ color 52.8027, 50.7628, 51.8149.



This preview shows how white text looks on a background with the XYZ color 52.8027, 50.7628,

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

52.8027, 50.7628, 51.8149

Protanopia

48.9452, 50.8918, 54.2571

Deuteranopia

52.0591, 50.9875, 51.8975



Tritanopia

53.7701, 50.5375, 57.3728

Trichromacy



Original Color

52.8027, 50.7628, 51.8149

Protanomaly

50.2993, 50.6606, 53.5818

Deuteranomaly

52.1392, 50.7237, 51.8424

Tritanomaly

53.5309, 50.7637, 55.1211

Monochromacy



Original Color

52.8027, 50.7628, 51.8149

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.4006, 51.3136, 54.8251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8027, 50.7628, 51.8149 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(214, 181, 183) looks like.

```
.text, #text, p{  
    color:rgb(214, 181, 183)  
}
```

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(214, 181, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 181, 183) }
```

Border

The CSS property to change the border of an element to XYZ 52.8027, 50.7628, 51.8149 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(214, 181, 183) }
```


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

```
.border{ border-color:rgb(214, 181, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 181, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 181, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 181, 183);  
box-shadow:4px 4px 4px 4px rgb(214, 181,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8027, 50.7628, 51.8149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 181, 183) }
```

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

```
.background{ background-color: rgb(214,  
181, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor