

Converting Colors

XYZ(52.5828, 51.0090, 50.5890)

Have a look what the booklet for
XYZ(52.5828, 51.0090, 50.5890)
contains.

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Color

**XYZ(52.5090, 50.9382,
50.7806)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B6B5
RGB	213, 182, 181
RGB Percent	84%, 71%, 71%
CMY	0.1647, 0.2863, 0.2902
CMYK	0.00, 0.15, 0.15, 0.16
HSL	2°, 28%, 77%
HSV	2°, 15%, 84%
XYZ	52.5090, 50.9382, 50.7806
YIQ	191.1550, 18.7970, 6.2610

Conversions

Conversions Part 2

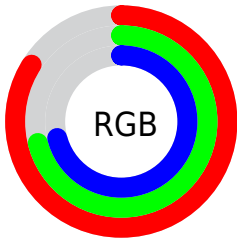
Format	Color
R _Y B	213, 182, 181
Decimal	14005941
CIE Lab	76.64, 10.95, 4.63
CIE LCh	77, 11.889, 22.907
Yxy	50.9382, 0.3405, 0.3303
Android (android.graphics.Color)	4292196021 (0xFFD5B6B5)
YUV	191.1550, -5.0064, 19.1581
Hunter-Lab	71.3710, 6.4266, 7.7748

Details

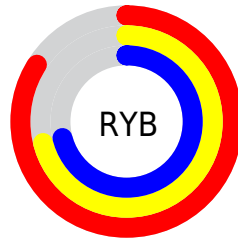
The XYZ color **52.5090, 50.9382, 50.7806** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.6094, 61.7135, 71.9850**, and the grayscale version is **49.6328, 52.2176, 56.8649**.

A 20% lighter version of the original color is **87.1006, 88.5235, 92.6168**, and **25.8471, 24.5281, 23.7942** is the 20% darker color. If you saturate the color by 10%, you get **46.5700, 42.2942, 38.8299**, and if you desaturate by 10%, it is **59.4075, 60.9654, 64.7008**.

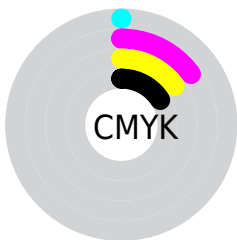
Distribution



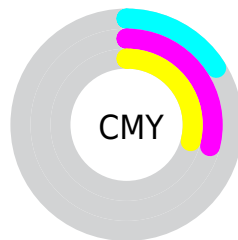
- Red (84%)
- Green (71%)
- Blue (71%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5090, 50.9382, 50.7806 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 52.5090, 50.9382, 50.7806 by changing the saturation by 10% instead.


 52.5090, 50.9382,
50.7806

 52.5090, 50.9382,
50.7806


386.6903,
390.3236, 406.5330

 37.6369, 36.1594,
35.6585


 93.0513, 91.5634,
92.7386

 25.8769, 24.5573,
23.8830


119.4521,
118.1786, 120.4115

 16.8638, 15.7476,
15.0354


150.4265,
149.5082, 153.1052

 10.2321, 9.3457,
8.6974

186.3399,
185.9363, 191.2381

 5.6166, 4.9674,
4.4502

227.5576,
227.8476, 235.2288

 2.6518, 2.2281,
1.8754

274.4450,

 0.9724, 0.7353,

275.6263, 285.4958

0.4770

327.3675,
329.6568, 342.4577

■ 0.0000, 0.0000,
0.0000

■ 52.5090, 50.9382,
50.7806

■ 52.5090, 50.9382,
50.7806

■ 46.5700, 42.2942,
38.8299

■ 59.4075, 60.9654,
64.7008

■ 41.5441, 34.9664,
28.7569

■ 67.3009, 72.4256,
80.6704

■ 37.3873, 28.8922,
20.4670

■ 76.2281, 85.3745,
98.7687

■ 34.0502, 24.0015,
13.8565

■ 81.2508, 92.8862,
108.2542

■ 31.4786, 20.2171,
8.8106

■ 29.6119, 17.4528,
5.2005

■ 28.3800, 15.6096,
2.8766

■ 27.6986, 14.5688,
1.6568

■ 27.5133, 14.2913,
1.3084

Harmonies

Analogous

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



52.8347, 50.9382, 57.0065



52.5090, 50.9382, 50.7806



51.0705, 50.9382, 46.1588

Triad

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



52.5090, 50.9382, 50.7806



45.0470, 50.9382, 48.3237



47.8832, 50.9382, 68.6837

Complementary

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



52.5090, 50.9382, 50.7806



54.6094, 61.7135, 71.9850

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.



45.8536, 50.9382, 65.9404



52.5090, 50.9382, 50.7806



44.2493, 50.9382, 53.9477

Square

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



52.5090, 50.9382, 50.7806



46.7514, 50.9382, 44.8189



44.5400, 50.9382, 60.4248



50.1181, 50.9382, 67.6716

Rectangle

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



52.5090, 50.9382, 50.7806



49.6975, 50.9382, 44.4472



44.5400, 50.9382, 60.4248



47.1552, 50.9382, 68.1634

Sweetspot

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



52.5104, 50.9405, 50.7817



89.2505, 91.5777, 97.1737



55.9077, 51.9716, 69.6818



18.9354, 19.3575, 20.4600



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.



52.5104, 50.9405, 50.7817



75.9411, 72.2286, 70.3255



55.8692, 57.6581, 51.9013



12.4542, 12.4826, 12.9137



16.8201, 8.7574, 0.8038



1.0258, 0.5507, 0.0522

Inverse Universe

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



54.6094, 61.7135, 71.9850



79.6752, 91.3947, 108.0494



50.9123, 54.3192, 70.7526



12.7572, 14.0379, 15.9747



20.8802, 30.0222, 43.1475



1.2701, 1.8322, 2.6060

Previews

White Background



This preview shows how the XYZ color 52.5090, 50.9382, 50.7806 looks on a white background.

Color Contrast Check

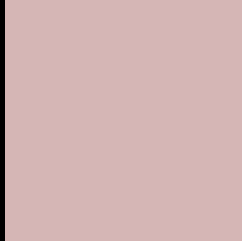
Large Text (above 18pt) WCAG AA × Fail

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 52.5090, 50.9382, 50.7806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

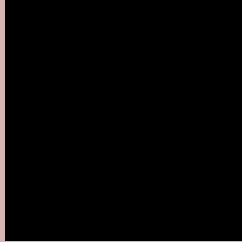
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5090, 50.9382, 50.7806

Background



This preview shows how black text looks on a background with the XYZ color 52.5090, 50.9382, 50.7806.



This preview shows how white text looks on a background with the XYZ color 52.5090, 50.9382,

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

52.5090, 50.9382, 50.7806

Protanopia

48.9883, 50.9386, 53.1491

Deuteranopia

52.1379, 51.0521, 50.8221



Tritanopia

54.0832, 50.9846, 58.0295

Trichromacy



Original Color

52.5090, 50.9382, 50.7806

Protanomaly

50.2980, 50.9960, 52.5396

Deuteranomaly

52.4254, 51.2002, 50.8356

Tritanomaly

53.4407, 51.0180, 55.1749

Monochromacy



Original Color

52.5090, 50.9382, 50.7806

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.5060, 51.6964, 54.3302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5090, 50.9382, 50.7806 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(213, 182, 181)` looks like.

```
.text, #text, p{  
    color:rgb(213, 182, 181)  
}
```

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(213, 182, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 182, 181) }
```

Border

The CSS property to change the border of an element to XYZ 52.5090, 50.9382, 50.7806 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(213, 182, 181) }
```


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

```
.border{ border-color:rgb(213, 182, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 182, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 182, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 182, 181);  
box-shadow:4px 4px 4px 4px rgb(213, 182,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5090, 50.9382, 50.7806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 182, 181) }
```

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

```
.background{ background-color: rgb(213,  
182, 181) }
```

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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