

Converting Colors

XYZ(53.2919, 50.7021, 52.3251)

Have a look what the booklet for
XYZ(53.2919, 50.7021, 52.3251)
contains.

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Color

**XYZ(53.2919, 50.7021,
52.3251)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B4B8
RGB	216, 180, 184
RGB Percent	85%, 71%, 72%
CMY	0.1529, 0.2941, 0.2784
CMYK	0.00, 0.17, 0.15, 0.15
HSL	353°, 32%, 78%
HSV	353°, 17%, 85%
XYZ	53.2919, 50.7021, 52.3251
YIQ	191.2200, 20.1720, 8.8760

Conversions

Conversions Part 2

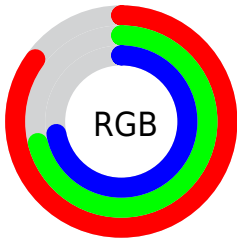
Format	Color
R _Y B	216, 180, 184
Decimal	14202040
CIE Lab	76.50, 13.60, 2.82
CIE LCh	76, 13.889, 11.731
Yxy	50.7021, 0.3409, 0.3243
Android (android.graphics.Color)	4292392120 (0xFFD8B4B8)
YUV	191.2200, -3.5595, 21.7321
Hunter-Lab	71.2054, 8.9844, 6.2747

Details

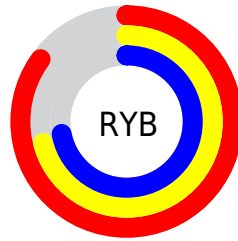
The XYZ color **53.2919, 50.7021, 52.3251** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.2639, 63.5698, 71.6479**, and the grayscale version is **49.6618, 52.2481, 56.8982**.

A 20% lighter version of the original color is **86.9636, 87.5422, 94.7519**, and **26.3840, 24.3945, 24.7907** is the 20% darker color. If you saturate the color by 10%, you get **47.3885, 41.9005, 41.0915**, and if you desaturate by 10%, it is **60.1509, 60.9766, 65.2264**.

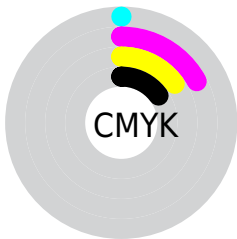
Distribution



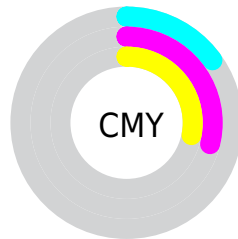
- Red (85%)
- Green (71%)
- Blue (72%)



- Red (85%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (15%)





- Cyan (15%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2919, 50.7021, 52.3251 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 53.2919, 50.7021, 52.3251 by changing the saturation by 10% instead.


 53.2919, 50.7021,
52.3251

 53.2919, 50.7021,
52.3251


389.6466,
389.4053, 412.6830

 38.2643, 35.9716,
36.8802

 94.1968, 91.2143,
95.0420

 26.3660, 24.4122,
24.8197


120.8047,
117.7647, 123.1511

 17.2318, 15.6397,
15.7250


152.0034,
149.0239, 156.3187

 10.4962, 9.2696,
9.1775

188.1583,
185.3763, 194.9633

 5.7939, 4.9174,
4.7588

229.6347,
227.2062, 239.5035

 2.7597, 2.1989,
2.0502

276.7980,

 1.0280, 0.7194,

274.8981, 290.3578

0.5859

330.0135,
328.8363, 347.9448

■ 0.0000, 0.0000,
0.0000

■ 53.2919, 50.7021,
52.3251

■ 53.2919, 50.7021,
52.3251

■ 47.3885, 41.9005,
41.0915

■ 60.1509, 60.9766,
65.2264

■ 42.3941, 34.4978,
31.4544

■ 68.0010, 72.7799,
79.8564

■ 38.2647, 28.4239,
23.3422

■ 76.8808, 86.1734,
96.2767

■ 34.9508, 23.6000,
16.6763

■ 82.1292, 93.3391,
108.2953

■ 32.3979, 19.9388,
11.3716

■ 30.5448, 17.3421,
7.3334

■ 29.3206, 15.6950,
4.4551

■ 28.6366, 14.8512,
2.6115

■ 28.4838, 14.6649,
2.1924

Harmonies

Analogous

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



53.1331, 50.7021, 59.8519



53.2919, 50.7021, 52.3251



52.0478, 50.7021, 46.1512

Triad

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



53.2919, 50.7021, 52.3251



44.9157, 50.7021, 45.1266



46.6293, 50.7021, 70.0661

Complementary

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



53.2919, 50.7021, 52.3251



55.2639, 63.5698, 71.6479

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.



44.5293, 50.7021, 65.3738



53.2919, 50.7021, 52.3251



43.5650, 50.7021, 50.8069

Square

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



53.2919, 50.7021, 52.3251



47.1741, 50.7021, 42.2539



43.4261, 50.7021, 58.1907



49.2220, 50.7021, 70.5663

Rectangle

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



53.2919, 50.7021, 52.3251



50.6156, 50.7021, 43.4524



43.4261, 50.7021, 58.1907



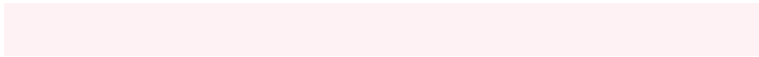
45.8448, 50.7021, 68.9082

Sweetspot

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



53.2933, 50.7044, 52.3262



89.3450, 91.4245, 98.2596



55.8112, 51.5700, 71.9788



18.9583, 19.3205, 20.7226



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.



53.2933, 50.7044, 52.3262



74.4236, 69.0820, 70.1638



55.8060, 56.3907, 51.1259



12.4788, 12.4430, 13.1954



16.8792, 8.6880, 1.4020



1.0374, 0.5317, 0.1862

Inverse Universe

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



53.2933, 50.7044, 52.3262



74.4236, 69.0820, 70.1638



52.3864, 56.9980, 73.2070



12.4788, 12.4430, 13.1954



16.8792, 8.6880, 1.4020



1.0374, 0.5317, 0.1862

Previews

White Background



This preview shows how the XYZ color 53.2919, 50.7021, 52.3251 looks on a white background.

Color Contrast Check

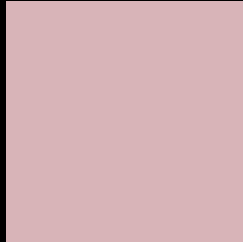
Large Text (above 18pt) WCAG AA × Fail

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 53.2919, 50.7021, 52.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

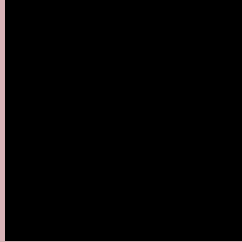
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2919, 50.7021, 52.3251

Background



This preview shows how black text looks on a background with the XYZ color 53.2919, 50.7021, 52.3251.



This preview shows how white text looks on a background with the XYZ color 53.2919, 50.7021,

52.3251.

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

53.2919, 50.7021, 52.3251

Protanopia

48.9068, 50.8470, 55.3809

Deuteranopia

51.7752, 50.8412, 51.8842



Tritanopia

54.3610, 50.8422, 57.4005

Trichromacy



Original Color

53.2919, 50.7021, 52.3251

Protanomaly

50.4060, 50.7033, 54.1437

Deuteranomaly

52.4266, 50.8718, 51.8558

Tritanomaly

54.0296, 50.7096, 55.6555

Monochromacy



Original Color

53.2919, 50.7021, 52.3251

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.6668, 51.4508, 54.8375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2919, 50.7021, 52.3251 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, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(216, 180, 184)  
}
```

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, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 180, 184) }
```

Border

The CSS property to change the border of an element to XYZ 53.2919, 50.7021, 52.3251 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, 180, 184) }
```


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

```
.border{ border-color:rgb(216, 180, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(216, 180,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2919, 50.7021, 52.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 180, 184) }
```

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

```
.background{ background-color: rgb(216,  
180, 184) }
```

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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