

Converting Colors

XYZ(53.9081, 50.4344, 59.6432)

Have a look what the booklet for
XYZ(53.9081, 50.4344, 59.6432)
contains.

XYZ(53.9297, 50.5676, 59.7414)	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(53.9297, 50.5676,
59.7414)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B3C5
RGB	214, 179, 197
RGB Percent	84%, 70%, 77%
CMY	0.1608, 0.2980, 0.2274
CMYK	0.00, 0.16, 0.08, 0.16
HSL	329°, 30%, 77%
HSV	329°, 16%, 84%
XYZ	53.9297, 50.5676, 59.7414
YIQ	191.5170, 15.0820, 13.0180

Conversions

Conversions Part 2

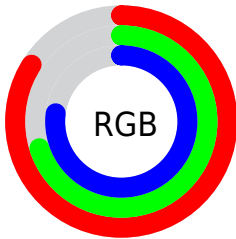
Format	Color
R _Y B	214, 179, 197
Decimal	14070725
CIE Lab	76.42, 15.59, -4.39
CIE LCh	76, 16.197, 344.259
Yxy	50.5676, 0.3284, 0.3079
Android (android.graphics.Color)	4292260805 (0xFFD6B3C5)
YUV	191.5170, 2.7031, 19.7176
Hunter-Lab	71.1109, 10.9283, -0.0328

Details

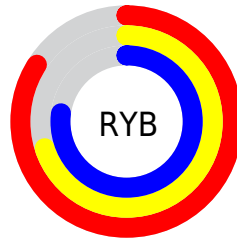
The XYZ color **53.9297, 50.5676, 59.7414** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.6028, 61.6637, 61.3574**, and the grayscale version is **49.8014, 52.3949, 57.0581**.

A 20% lighter version of the original color is **88.8377, 87.8324, 106.0370**, and **26.7169, 24.2758, 29.2642** is the 20% darker color. If you saturate the color by 10%, you get **48.8189, 42.1865, 52.3624**, and if you desaturate by 10%, it is **59.7912, 60.3172, 67.7771**.

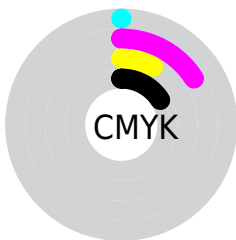
Distribution



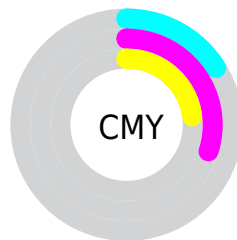
- Red (84%)
- Green (70%)
- Blue (77%)



- Red (84%)
- Yellow (70%)
- Blue (77%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (16%)





- Cyan (16%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9297, 50.5676, 59.7414 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 53.9297, 50.5676, 59.7414 by changing the saturation by 10% instead.


 53.9297, 50.5676,
59.7414

 53.9297, 50.5676,
59.7414


392.0446,
388.8815, 441.4221

 38.7759, 35.8646,
42.7863

 95.1285, 91.0153,
105.9941

 26.7654, 24.3296,
29.3873


121.9042,
117.5288, 136.1289

 17.5328, 15.5783,
19.1259

153.2847,
148.7479, 171.4939

 10.7127, 9.2263,
11.5836

189.6351,
185.0570, 212.5077

 5.9399, 4.8891,
6.3417

231.3210,
226.8405, 259.5889

 2.8489, 2.1823,
2.9818

278.7076,

 1.0743, 0.7103,

274.4828, 313.1560

1.0854

332.1604,
328.3684, 373.6275

■ 0.0035, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9297, 50.5676,
59.7414

■ 53.9297, 50.5676,
59.7414

■ 48.8189, 42.1865,
52.3624

■ 59.7912, 60.3172,
67.7771

■ 44.4222, 35.1053,
45.6181

■ 66.4291, 71.4866,
76.4842

■ 40.7063, 29.2597,
39.4895

■ 73.8736, 84.1324,
85.8810

■ 37.6335, 24.5769,
33.9555

■ 79.0103, 92.0237,
94.9369

■ 35.1622, 20.9767,
28.9933

■ 80.5874, 92.6545,
103.2417

■ 33.2455, 18.3683,
24.5779

■ 81.5418, 93.0363,
108.2678

■ 31.8291, 16.6462,
20.6815

■ 30.8446, 15.6769,
17.2713

■ 30.5488, 15.4231,
16.1318

Harmonies

Analogous

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



52.2719, 50.5676, 67.9816



53.9297, 50.5676, 59.7414



53.9721, 50.5676, 51.0265

Triad

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



53.9297, 50.5676, 59.7414



46.6333, 50.5676, 40.3367



43.9852, 50.5676, 67.6289

Complementary

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



53.9297, 50.5676, 59.7414



52.6028, 61.6637, 61.3574

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.



42.6017, 50.5676, 59.2996



53.9297, 50.5676, 59.7414



44.0863, 50.5676, 43.8884

Square

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



53.9297, 50.5676, 59.7414



49.6711, 50.5676, 40.4281



42.6380, 50.5676, 50.6289



46.4900, 50.5676, 72.8534

Rectangle

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



53.9297, 50.5676, 59.7414



53.0733, 50.5676, 46.1379



42.6380, 50.5676, 50.6289



43.3784, 50.5676, 65.0629

Sweetspot

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



53.9312, 50.5698, 59.7425



90.1353, 91.7407, 102.4214



51.0030, 48.8224, 70.3545



19.1499, 19.3972, 21.7319



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.



53.9312, 50.5698, 59.7425



77.1475, 70.1716, 84.5076



52.0493, 49.8171, 49.8329



12.6872, 12.5264, 14.2929



18.5174, 9.3433, 10.0288



1.1587, 0.5802, 0.8248

Inverse Universe

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



53.9312, 50.5698, 59.7425



77.1475, 70.1716, 84.5076



54.7018, 62.5033, 72.4104



12.6872, 12.5264, 14.2929



18.5174, 9.3433, 10.0288



1.1587, 0.5802, 0.8248

Previews

White Background



This preview shows how the XYZ color 53.9297, 50.5676, 59.7414 looks on a white background.

Color Contrast Check

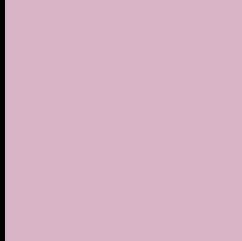
Large Text (above 18pt) WCAG AA × Fail

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 53.9297, 50.5676, 59.7414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

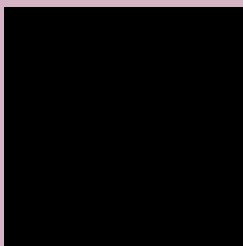
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9297, 50.5676, 59.7414

Background



This preview shows how black text looks on a background with the XYZ color 53.9297, 50.5676, 59.7414.



This preview shows how white text looks on a background with the XYZ color 53.9297, 50.5676,

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

53.9297, 50.5676, 59.7414

Protanopia

49.3829, 50.9221, 63.1033

Deuteranopia

51.7991, 50.6899, 59.2786



Tritanopia

53.7904, 50.8337, 58.0158

Trichromacy



Original Color

53.9297, 50.5676, 59.7414

Protanomaly

50.8002, 50.7384, 61.7596

Deuteranomaly

52.7042, 50.8513, 59.2620

Tritanomaly

53.9031, 50.8788, 58.6093

Monochromacy



Original Color

53.9297, 50.5676, 59.7414

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.3273, 51.7150, 58.3157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9297, 50.5676, 59.7414 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, 179, 197)` looks like.

```
.text, #text, p{  
    color:rgb(214, 179, 197)  
}
```

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, 179, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 179, 197) }
```

Border

The CSS property to change the border of an element to XYZ 53.9297, 50.5676, 59.7414 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, 179, 197) }
```


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

```
.border{ border-color:rgb(214, 179, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 179, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 179, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 179, 197);  
box-shadow:4px 4px 4px 4px rgb(214, 179,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9297, 50.5676, 59.7414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 179, 197) }
```

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

```
.background{ background-color: rgb(214,  
179, 197) }
```

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