

Converting Colors

XYZ(52.9704, 50.1626, 59.6995)

Have a look what the booklet for
XYZ(52.9704, 50.1626, 59.6995)
contains.

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Color

**XYZ(52.7765, 49.9731,
59.6875)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B3C5
RGB	210, 179, 197
RGB Percent	82%, 70%, 77%
CMY	0.1765, 0.2980, 0.2274
CMYK	0.00, 0.15, 0.06, 0.18
HSL	325°, 26%, 76%
HSV	325°, 15%, 82%
XYZ	52.7765, 49.9731, 59.6875
YIQ	190.3210, 12.6980, 12.1700

Conversions

Conversions Part 2

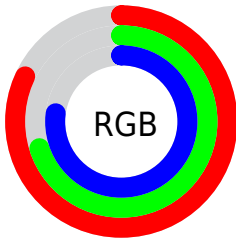
Format	Color
R _Y B	210, 179, 197
Decimal	13808581
CIE Lab	76.05, 14.19, -4.97
CIE LCh	76, 15.031, 340.685
Yxy	49.9731, 0.3249, 0.3076
Android (android.graphics.Color)	4291998661 (0xFFD2B3C5)
YUV	190.3210, 3.2927, 17.2585
Hunter-Lab	70.6917, 9.5529, -0.5765

Details

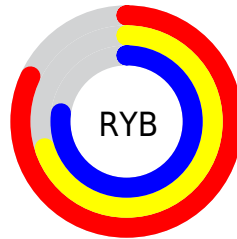
The XYZ color **52.7765, 49.9731, 59.6875** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.1534, 59.4840, 58.6575**, and the grayscale version is **49.1063, 51.6636, 56.2617**.

A 20% lighter version of the original color is **88.8377, 87.8324, 106.0370**, and **25.9363, 23.8734, 29.2276** is the 20% darker color. If you saturate the color by 10%, you get **47.9044, 41.7964, 53.2292**, and if you desaturate by 10%, it is **58.3515, 59.4597, 66.6722**.

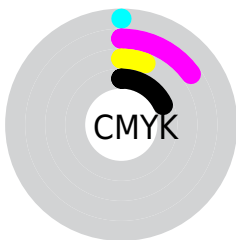
Distribution



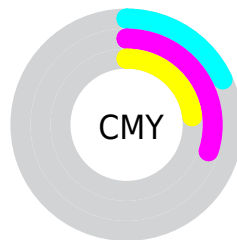
- Red (82%)
- Green (70%)
- Blue (77%)



- Red (82%)
- Yellow (70%)
- Blue (77%)



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7765, 49.9731, 59.6875 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 52.7765, 49.9731, 59.6875 by changing the saturation by 10% instead.


 52.7765, 49.9731,
59.6875

 52.7765, 49.9731,
59.6875


387.7020,
386.5607, 441.2176

 37.8511, 35.3920,
42.7432


 93.4429, 90.1350,
105.9151

 26.0439, 23.9650,
29.3537


119.9146,
116.4847, 136.0355

 16.9893, 15.3077,
19.1007


150.9658,
147.5259, 171.3850

 10.3221, 9.0356,
11.5655

186.9619,
183.6432, 212.3821

 5.6770, 4.7644,
6.3296

228.2682,
225.2210, 259.4453

 2.6884, 2.1097,
2.9745

275.2501,

 0.9912, 0.6701,

272.6435, 312.9933

1.0816

328.2729,
326.2953, 373.4445

■ 0.0000, 0.0000,
0.0000

■ 52.7765, 49.9731,
59.6875

■ 52.7765, 49.9731,
59.6875

■ 47.9044, 41.7964,
53.2292

■ 58.3515, 59.4597,
66.6722

■ 43.7008, 34.8648,
47.2792

■ 64.6530, 70.3041,
74.1942

■ 40.1352, 29.1179,
41.8228

■ 71.7089, 82.5599,
82.2681

■ 37.1725, 24.4876,
36.8432

■ 76.9370, 91.0611,
90.0378

■ 34.7745, 20.8987,
32.3223

■ 78.2216, 91.5750,
96.8025

■ 32.8979, 18.2668,
28.2401

■ 79.5699, 92.1143,
103.9022

■ 31.4930, 16.4942,
24.5744

■ 80.3886, 92.4418,
108.2139

■ 30.4993, 15.4616,
21.2991

■ 30.0869, 15.1051,
19.7181

Harmonies

Analogous

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



51.1046, 49.9731, 66.9975



52.7765, 49.9731, 59.6875



53.0024, 49.9731, 51.5958

Triad

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



52.7765, 49.9731, 59.6875



46.5041, 49.9731, 40.5905



43.5210, 49.9731, 65.1255

Complementary

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



52.7765, 49.9731, 59.6875



51.1534, 59.4840, 58.6575

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.



42.3884, 49.9731, 57.3293



52.7765, 49.9731, 59.6875



44.0651, 49.9731, 43.5108

Square

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



52.7765, 49.9731, 59.6875



49.3059, 49.9731, 41.0877



42.5836, 49.9731, 49.4573



45.7347, 49.9731, 70.3447

Rectangle

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



52.7765, 49.9731, 59.6875



52.2931, 49.9731, 46.8979



42.5836, 49.9731, 49.4573



43.0052, 49.9731, 62.6891

Sweetspot

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



52.7779, 49.9753, 59.6886



91.2007, 93.3914, 104.2568



49.4721, 48.0915, 67.6486



19.3702, 19.7319, 22.1316



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.



52.7779, 49.9753, 59.6886



79.1689, 72.9516, 89.0745



51.1007, 49.3044, 50.8565



12.0924, 11.9217, 13.7623



18.4035, 9.2343, 12.2971



1.0681, 0.5320, 0.8936

Inverse Universe

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



52.7779, 49.9753, 59.6886



79.1689, 72.9516, 89.0745



52.9521, 60.2035, 68.1294



12.0924, 11.9217, 13.7623



18.4035, 9.2343, 12.2971



1.0681, 0.5320, 0.8936

Previews

White Background



This preview shows how the XYZ color 52.7765, 49.9731, 59.6875 looks on a white background.

Color Contrast Check

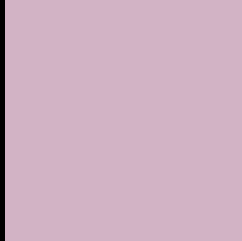
Large Text (above 18pt) WCAG AA × Fail

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 52.7765, 49.9731, 59.6875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

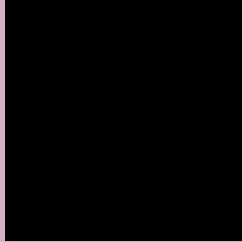
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7765, 49.9731, 59.6875

Background



This preview shows how black text looks on a background with the XYZ color 52.7765, 49.9731, 59.6875.



This preview shows how white text looks on a background with the XYZ color 52.7765, 49.9731,

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

52.7765, 49.9731, 59.6875

Protanopia

48.7131, 49.9469, 62.9504

Deuteranopia

51.0489, 49.9980, 59.1846



Tritanopia

52.6372, 50.2392, 57.9618

Trichromacy



Original Color

52.7765, 49.9731, 59.6875

Protanomaly

49.8645, 49.6392, 61.5968

Deuteranomaly

51.6645, 50.0124, 59.1549

Tritanomaly

52.7499, 50.2843, 58.5554

Monochromacy



Original Color

52.7765, 49.9731, 59.6875

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.2105, 50.8384, 57.6185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7765, 49.9731, 59.6875 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(210, 179, 197) looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 179, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 179, 197) }
```

Border

The CSS property to change the border of an element to XYZ 52.7765, 49.9731, 59.6875 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(210, 179, 197) }
```


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

```
.border{ border-color:rgb(210, 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(210, 179, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 179, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 179, 197);  
box-shadow:4px 4px 4px 4px rgb(210, 179,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7765, 49.9731, 59.6875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 179, 197) }
```

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

```
.background{ background-color: rgb(210,  
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](#).

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