

Converting Colors

XYZ(49.7788, 52.7026, 53.2642)

Have a look what the booklet for
XYZ(49.7788, 52.7026, 53.2642)
contains.

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Color

**XYZ(49.8547, 52.6714,
53.4379)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C0B9
RGB	194, 192, 185
RGB Percent	76%, 75%, 73%
CMY	0.2392, 0.2470, 0.2745
CMYK	0.00, 0.01, 0.05, 0.24
HSL	47°, 7%, 74%
HSV	47°, 5%, 76%
XYZ	49.8547, 52.6714, 53.4379
YIQ	191.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

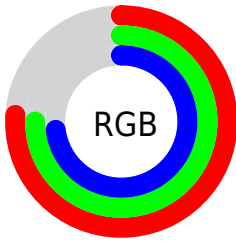
Format	Color
RYB	188, 194, 185
Decimal	12763321
CIELab	77.68, -0.56, 3.76
CIElCh	78, 3.801, 98.467
Yxy	52.6714, 0.3197, 0.3377
Android (android.graphics.Color)	4290953401 (0xFFC2C0B9)
YUV	191.8000, -3.3524, 1.9294
Hunter-Lab	72.5751, -4.3876, 7.1466

Details

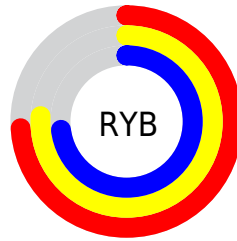
The XYZ color **49.8547, 52.6714, 53.4379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5154, 49.7491, 58.1377**, and the grayscale version is **50.0050, 52.6092, 57.2914**.

A 20% lighter version of the original color is **88.8689, 93.8097, 96.6423**, and **24.2127, 25.7066, 25.5155** is the 20% darker color. If you saturate the color by 10%, you get **47.0144, 50.0472, 43.0671**, and if you desaturate by 10%, it is **53.0051, 55.4672, 65.2921**.

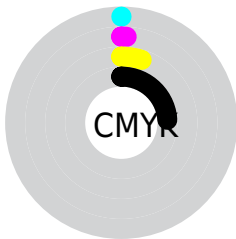
Distribution



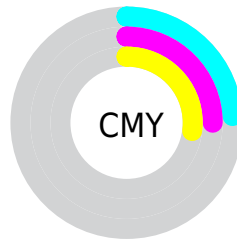
- Red (76%)
- Green (75%)
- Blue (73%)



- Red (74%)
- Yellow (76%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (24%)



- Cyan (24%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.8547, 52.6714, 53.4379 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 49.8547, 52.6714, 53.4379 by changing the saturation by 10% instead.

■ 49.8547, 52.6714,
53.4379

■ 49.8547, 52.6714,
53.4379

376.5588,
397.0231, 417.0768

■ 35.5153, 37.5405,
37.7623

■ 89.1527, 94.1207,
96.6965

■ 24.2284, 25.6263,
25.4979

114.8419,
121.2078, 125.1166

■ 15.6288, 16.5443,
16.2260

145.0452,
153.0492, 158.6220

■ 9.3511, 9.9101,
9.5281

180.1278,
190.0292, 197.6312

■ 5.0298, 5.3394,
4.9857

220.4551,
232.5322, 242.5627

■ 2.2997, 2.4477,
2.1803

266.3925,

■ 0.7945, 0.8503,

280.9426, 293.8351

0.6630

318.3053,
335.6448, 351.8670

■ 0.0000, 0.0000,
0.0000

■ 49.8547, 52.6714,
53.4379

■ 49.8547, 52.6714,
53.4379

■ 47.0144, 50.0472,
43.0671

■ 53.0051, 55.4672,
65.2921

■ 44.4682, 47.5828,
34.1169

■ 56.4720, 58.4326,
78.6822

■ 42.2055, 45.2752,
26.5253

■ 60.2672, 61.5741,
93.6623

■ 40.2131, 43.1188,
20.2241

■ 63.1521, 64.3968,
103.7091

■ 38.4766, 41.1075,
15.1393

■ 64.2236, 66.5398,
104.0663

■ 36.9804, 39.2346,
11.1894

■ 65.3238, 68.7404,
104.4330

■ 35.7069, 37.4927,
8.2828

■ 66.4530, 70.9988,
104.8094

■ 34.6357, 35.8732,
6.3137

■ 67.6114, 73.3156,
105.1956

■ 33.7421, 34.3658,
5.1536

■ 68.7992, 75.6912,
105.5915

Harmonies

Analogous

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



50.5833, 52.6714, 53.6657



49.8547, 52.6714, 53.4379



49.1883, 52.6714, 54.2381

Triad

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



49.8547, 52.6714, 53.4379



48.9638, 52.6714, 59.9060



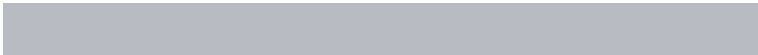
51.3892, 52.6714, 58.8492

Complementary

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



49.8547, 52.6714, 53.4379



47.5154, 49.7491, 58.1377

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.



50.9472, 52.6714, 60.5791



49.8547, 52.6714, 53.4379



49.5455, 52.6714, 61.1996

Square

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



49.8547, 52.6714, 53.4379



48.6772, 52.6714, 57.9485



50.2710, 52.6714, 61.4489



51.4740, 52.6714, 56.7561

Rectangle

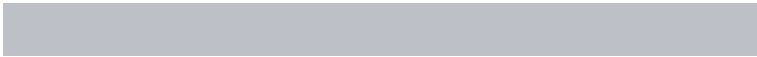
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.8547, 52.6714, 53.4379



48.8672, 52.6714, 55.2586



50.2710, 52.6714, 61.4489



51.2773, 52.6714, 59.4939

Sweetspot

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



49.8562, 52.6737, 53.4390



92.3276, 97.2288, 104.2821



48.5781, 49.7602, 54.1149



20.2249, 21.2976, 22.8597



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.



49.8562, 52.6737, 53.4390



89.5421, 94.7190, 93.9163



49.6864, 53.2413, 53.5575



10.8975, 11.5319, 11.3505



21.9633, 22.2124, 3.1298



0.9969, 1.0557, 0.1512

Inverse Universe

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



47.5154, 49.7491, 58.1377



84.0239, 87.8246, 104.9931



47.6788, 49.2091, 58.0248



10.1753, 10.6296, 12.8003



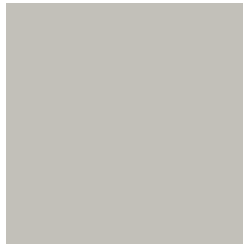
7.0220, 3.8005, 33.9201



0.3564, 0.2703, 1.4833

Previews

White Background



This preview shows how the XYZ color 49.8547, 52.6714, 53.4379 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 49.8547, 52.6714, 53.4379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

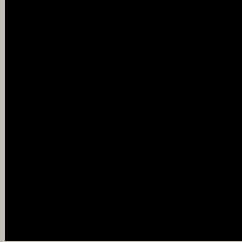
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.8547, 52.6714, 53.4379

Background



This preview shows how black text looks on a background with the XYZ color 49.8547, 52.6714, 53.4379.

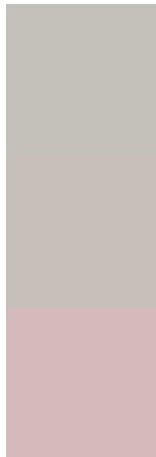


This preview shows how white text looks on a background with the XYZ color 49.8547, 52.6714,

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

49.8547, 52.6714, 53.4379

Protanopia

50.3085, 52.5926, 52.8472

Deuteranopia

53.5732, 52.6600, 53.7952



Tritanopia

52.1226, 52.6251, 64.5373

Trichromacy



Original Color

49.8547, 52.6714, 53.4379

Protanomaly

50.0475, 52.4581, 52.8350

Deuteranomaly

52.0230, 52.4907, 53.8442

Tritanomaly

51.2564, 52.5939, 60.2735

Monochromacy



Original Color

49.8547, 52.6714, 53.4379

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.0273, 52.7109, 55.6816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.8547, 52.6714, 53.4379 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(194, 192, 185)` looks like.

```
.text, #text, p{  
    color:rgb(194, 192, 185)  
}
```

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(194, 192, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 192, 185) }
```

Border

The CSS property to change the border of an element to XYZ 49.8547, 52.6714, 53.4379 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(194, 192, 185) }
```


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

```
.border{ border-color:rgb(194, 192, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 192, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 192, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 192, 185);  
box-shadow:4px 4px 4px 4px rgb(194, 192,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 49.8547, 52.6714, 53.4379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 192, 185) }
```

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

```
.background{ background-color: rgb(194,  
192, 185) }
```

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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