

Converting Colors

XYZ(49.8264, 54.7816, 47.9922)

Have a look what the booklet for
XYZ(49.8264, 54.7816, 47.9922)
contains.

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Color

**XYZ(49.8264, 54.7816,
47.9922)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C6AE
RGB	193, 198, 174
RGB Percent	76%, 78%, 68%
CMY	0.2431, 0.2235, 0.3176
CMYK	0.03, 0.00, 0.12, 0.22
HSL	73°, 17%, 73%
HSV	73°, 12%, 78%
XYZ	49.8264, 54.7816, 47.9922
YIQ	193.7690, 4.7240, -8.5240

Conversions

Conversions Part 2

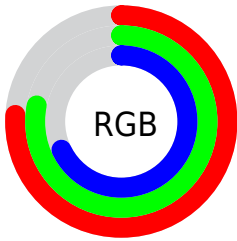
Format	Color
RYB	174, 198, 179
Decimal	12699310
CIELab	78.92, -5.96, 11.44
CIELCh	79, 12.899, 117.510
Yxy	54.7816, 0.3265, 0.3590
Android (android.graphics.Color)	4290889390 (0xFFC1C6AE)
YUV	193.7690, -9.7461, -0.6744
Hunter-Lab	74.0146, -9.3599, 13.3657

Details

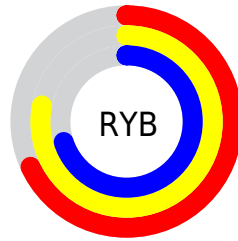
The XYZ color **49.8264, 54.7816, 47.9922** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.9216, 43.9345, 59.5943**, and the grayscale version is **51.1967, 53.8629, 58.6567**.

A 20% lighter version of the original color is **89.3272, 97.5011, 88.2403**, and **24.1336, 26.8406, 22.3211** is the 20% darker color. If you saturate the color by 10%, you get **46.9995, 53.5328, 38.5155**, and if you desaturate by 10%, it is **52.9702, 56.1642, 58.9714**.

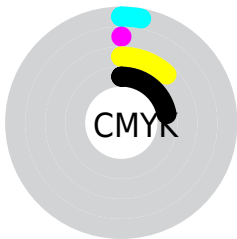
Distribution



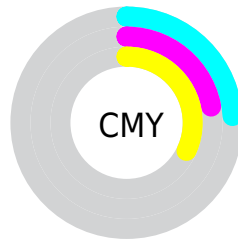
- Red (76%)
- Green (78%)
- Blue (68%)



- Red (68%)
- Yellow (78%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.8264, 54.7816, 47.9922 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 49.8264, 54.7816, 47.9922 by changing the saturation by 10% instead.

■ 49.8264, 54.7816,
47.9922

■ 49.8264, 54.7816,
47.9922

376.4499,
405.0835, 395.2690

■ 35.4927, 39.2269,
33.4608

■ 89.1110, 97.2209,
88.5582

■ 24.2110, 26.9363,
22.2057

114.7926,
124.8743, 115.4299

■ 15.6158, 17.5254,
13.8083

144.9875,
157.3293, 147.2520

■ 9.3418, 10.6098,
7.8502

180.0612,
194.9704, 184.4432

■ 5.0237, 5.8051,
3.9129

220.3789,
238.1820, 227.4220

■ 2.2961, 2.7269,
1.5777

266.3060,

■ 0.7926, 0.9909,

287.3485, 276.6068

0.2748

318.2079,
342.8542, 332.4163

■ 0.0000, 0.0000,
0.0000

■ 49.8264, 54.7816,
47.9922

■ 49.8264, 54.7816,
47.9922

■ 46.9995, 53.5328,
38.5155

■ 52.9702, 56.1642,
58.9714

■ 44.4725, 52.4055,
30.4724

■ 56.4384, 57.6782,
71.5109

■ 42.2333, 51.3966,
23.7939

■ 60.2437, 59.3304,
85.6697

■ 40.2672, 50.5003,
18.4040

■ 64.3968, 61.1253,
101.5029

■ 38.5581, 49.7101,
14.2192

■ 65.8716, 61.8523,
103.0746

■ 37.0880, 49.0187,
11.1463

■ 67.0890, 62.4799,
103.1316

■ 35.8365, 48.4180,
9.0781

■ 68.3372, 63.1233,
103.1900

■ 34.7788, 47.8980,
7.8868

■ 69.6163, 63.7827,
103.2499

■ 34.0468, 47.5311,
7.3800

■ 70.9265, 64.4582,
103.3112

Harmonies

Analogous

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



52.2825, 54.7816, 46.6371



49.8264, 54.7816, 47.9922



48.0237, 54.7816, 52.3878

Triad

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



49.8264, 54.7816, 47.9922



49.4674, 54.7816, 72.3534



57.1452, 54.7816, 60.2627

Complementary

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



49.8264, 54.7816, 47.9922



43.9216, 43.9345, 59.5943

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.



56.3338, 54.7816, 67.5495



49.8264, 54.7816, 47.9922



51.8546, 54.7816, 74.8779

Square

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



49.8264, 54.7816, 47.9922



47.8212, 54.7816, 66.4029



54.3764, 54.7816, 73.0526



56.5596, 54.7816, 53.3672

Rectangle

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



49.8264, 54.7816, 47.9922



47.4064, 54.7816, 56.6491



54.3764, 54.7816, 73.0526



57.0262, 54.7816, 62.7506

Sweetspot

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



49.8279, 54.7840, 47.9934



92.6729, 98.9593, 100.4429



47.0106, 47.2235, 46.6825



19.7424, 21.1404, 21.1693



0.0000, 0.0000, 0.0000



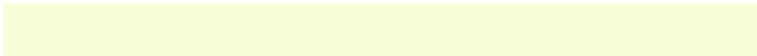
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.8279, 54.7840, 47.9934



86.6189, 96.2957, 79.4969



46.9389, 53.2947, 47.8582



11.2991, 12.3011, 11.3416



22.2132, 30.9466, 4.8025



1.1078, 1.4942, 0.2300

Inverse Universe

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



43.9216, 43.9345, 59.5943



73.7637, 72.6801, 104.7486



46.7665, 45.4011, 59.7274



10.2599, 10.3922, 13.3826



7.2892, 2.9920, 34.9377



0.4070, 0.1736, 1.6572

Previews

White Background



This preview shows how the XYZ color 49.8264, 54.7816, 47.9922 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 49.8264, 54.7816, 47.9922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

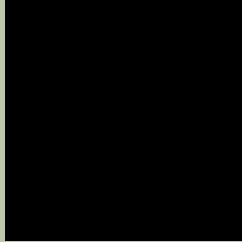
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

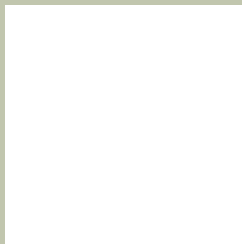
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.8264, 54.7816, 47.9922

Background



This preview shows how black text looks on a background with the XYZ color 49.8264, 54.7816, 47.9922.



This preview shows how white text looks on a background with the XYZ color 49.8264, 54.7816,

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

49.8264, 54.7816, 47.9922

Protanopia

51.8633, 54.8461, 46.8826

Deuteranopia

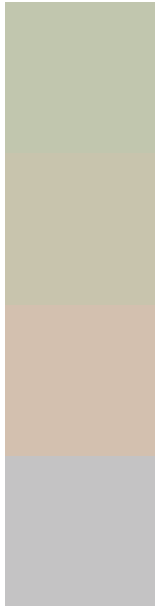
55.6385, 54.4732, 48.6562



Tritanopia

53.7438, 54.6998, 67.4000

Trichromacy



Original Color

49.8264, 54.7816, 47.9922

Protanomaly

51.1022, 54.7763, 47.4147

Deuteranomaly

53.4515, 54.6433, 48.2875

Tritanomaly

52.2439, 54.7515, 60.0391

Monochromacy



Original Color

49.8264, 54.7816, 47.9922

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.7329, 54.0874, 54.7797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.8264, 54.7816, 47.9922 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(193, 198, 174)` looks like.

```
.text, #text, p{  
    color:rgb(193, 198, 174)  
}
```

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(193, 198, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 174) }
```

Border

The CSS property to change the border of an element to XYZ 49.8264, 54.7816, 47.9922 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(193, 198, 174) }
```


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

```
.border{ border-color:rgb(193, 198, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 198, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 198, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 198, 174);  
box-shadow:4px 4px 4px 4px rgb(193, 198,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 49.8264, 54.7816, 47.9922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 198, 174) }
```

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

```
.background{ background-color: rgb(193,  
198, 174) }
```

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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