

Converting Colors

XYZ(51.0531, 54.6990, 47.2448)

Have a look what the booklet for
XYZ(51.0531, 54.6990, 47.2448)
contains.

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Color

**XYZ(51.1022, 54.7763,
47.4147)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C4AD
RGB	200, 196, 173
RGB Percent	78%, 77%, 68%
CMY	0.2157, 0.2314, 0.3216
CMYK	0.00, 0.02, 0.13, 0.22
HSL	51°, 20%, 73%
HSV	51°, 13%, 78%
XYZ	51.1022, 54.7763, 47.4147
YIQ	194.5740, 9.7670, -6.3050

Conversions

Conversions Part 2

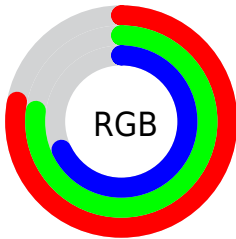
Format	Color
RYB	178, 200, 173
Decimal	13157549
CIELab	78.91, -2.53, 12.05
CIELCh	79, 12.312, 101.872
Yxy	54.7763, 0.3334, 0.3573
Android (android.graphics.Color)	4291347629 (0xFFC8C4AD)
YUV	194.5740, -10.6360, 4.7586
Hunter-Lab	74.0110, -6.2708, 13.8239

Details

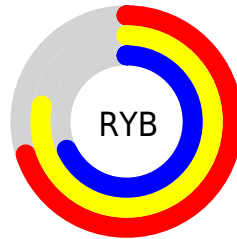
The XYZ color **51.1022, 54.7763, 47.4147** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.3811, 44.4980, 60.9467**, and the grayscale version is **51.6768, 54.3680, 59.2067**.

A 20% lighter version of the original color is **90.3689, 97.1120, 87.3803**, and **24.9783, 26.8375, 21.9528** is the 20% darker color. If you saturate the color by 10%, you get **48.6494, 52.7391, 37.7532**, and if you desaturate by 10%, it is **53.8609, 56.9606, 58.6088**.

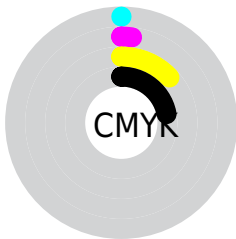
Distribution



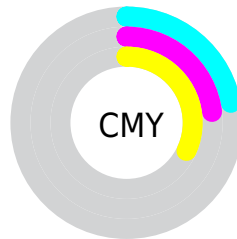
- Red (78%)
- Green (77%)
- Blue (68%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (22%)





- Cyan (22%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1022, 54.7763, 47.4147 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 51.1022, 54.7763, 47.4147 by changing the saturation by 10% instead.

 51.1022, 54.7763,
47.4147

 51.1022, 54.7763,
47.4147


381.3418,
405.0634, 392.9090

 36.5113, 39.2226,
33.0069


 90.9879, 97.2131,
87.6888

 25.0013, 26.9330,
21.8606


117.0135,
124.8651, 114.3921

 16.2068, 17.5229,
13.5572

147.5813,
157.3186, 146.0311

 9.7624, 10.6080,
7.6781

183.0567,
194.9581, 183.0242

 5.3027, 5.8039,
3.8049

223.8051,
238.1679, 225.7900

 2.4625, 2.7262,
1.5189

270.1919,

 0.8764, 0.9905,

287.3325, 274.7471

0.2320

322.5824,
342.8362, 330.3139

0.0000, 0.0000,
0.0000

51.1022, 54.7763,
47.4147

51.1022, 54.7763,
47.4147

48.6494, 52.7391,
37.7532

53.8609, 56.9606,
58.6088

46.4852, 50.8365,
29.5532

56.9331, 59.2897,
71.3953

44.5971, 49.0651,
22.7432

60.3319, 61.7707,
85.8353

42.9701, 47.4190,
17.2442

64.0679, 64.4080,
101.9854

41.5876, 45.8912,
12.9695

65.1158, 65.9917,
103.9134

■ 40.4312, 44.4743,
9.8217

■ 65.8571, 67.4743,
104.1606

■ 39.4794, 43.1596,
7.6888

■ 66.6121, 68.9843,
104.4122

■ 38.7064, 41.9367,
6.4353

■ 67.3807, 70.5215,
104.6684

■ 38.2693, 41.1787,
5.9313

■ 68.1631, 72.0863,
104.9292

Harmonies

Analogous

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



53.5394, 54.7763, 47.7417



51.1022, 54.7763, 47.4147



48.9885, 54.7763, 50.1693

Triad

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



51.1022, 54.7763, 47.4147



48.6410, 54.7763, 69.0860



56.6592, 54.7763, 63.9292

Complementary

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



51.1022, 54.7763, 47.4147



43.3811, 44.4980, 60.9467

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.



55.2640, 54.7763, 70.2380



51.1022, 54.7763, 47.4147



50.6144, 54.7763, 73.3719

Square

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



51.1022, 54.7763, 47.4147



47.5976, 54.7763, 62.4546



53.0362, 54.7763, 73.8093



56.7998, 54.7763, 56.9153

Rectangle

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



51.1022, 54.7763, 47.4147



48.0270, 54.7763, 53.5183



53.0362, 54.7763, 73.8093



56.3194, 54.7763, 66.2161

Sweetspot

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



51.1037, 54.7787, 47.4159



92.9712, 98.4009, 100.3194



46.7045, 45.3436, 47.9125



19.8181, 20.9985, 21.1380



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.



51.1037, 54.7787, 47.4159



87.2668, 93.8526, 77.2682



49.5706, 55.3445, 47.6059



11.3850, 12.1391, 11.3058



24.3843, 26.2858, 3.7885



1.1920, 1.3194, 0.1919

Inverse Universe

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



43.3811, 44.4980, 60.9467



71.4959, 72.8581, 104.9025



44.7675, 44.0581, 60.7887



10.1813, 10.5366, 13.4147



6.9586, 3.3112, 35.0167



0.3712, 0.2403, 1.6720

Previews

White Background



This preview shows how the XYZ color 51.1022, 54.7763, 47.4147 looks on a white background.

Color Contrast Check

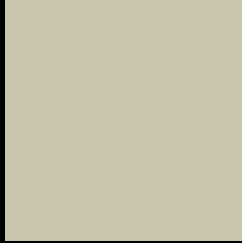
Large Text (above 18pt) WCAG AA × Fail

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 51.1022, 54.7763, 47.4147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

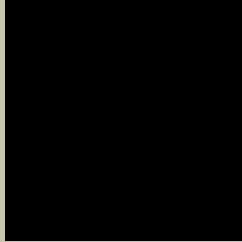
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

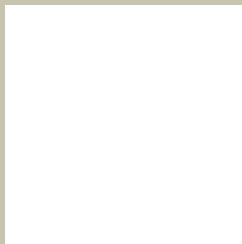
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1022, 54.7763, 47.4147

Background



This preview shows how black text looks on a background with the XYZ color 51.1022, 54.7763, 47.4147.



This preview shows how white text looks on a background with the XYZ color 51.1022, 54.7763,

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

51.1022, 54.7763, 47.4147

Protanopia

51.8633, 54.8461, 46.8826

Deuteranopia

55.8453, 54.5912, 48.1512



Tritanopia

54.9482, 54.6970, 66.0540

Trichromacy



Original Color

51.1022, 54.7763, 47.4147

Protanomaly

51.5901, 54.7053, 46.8698

Deuteranomaly

54.0023, 54.6137, 47.7397

Tritanomaly

53.4362, 54.7315, 58.7868

Monochromacy



Original Color

51.1022, 54.7763, 47.4147

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.5107, 54.4884, 54.8161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1022, 54.7763, 47.4147 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(200, 196, 173) looks like.

```
.text, #text, p{  
    color:rgb(200, 196, 173)  
}
```

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(200, 196, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 196, 173) }
```

Border

The CSS property to change the border of an element to XYZ 51.1022, 54.7763, 47.4147 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(200, 196, 173) }
```


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

```
.border{ border-color:rgb(200, 196, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 196, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 196, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 196, 173);  
box-shadow:4px 4px 4px 4px rgb(200, 196,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1022, 54.7763, 47.4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 196, 173) }
```

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

```
.background{ background-color: rgb(200,  
196, 173) }
```

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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