

Converting Colors

XYZ(51.2824, 52.2762, 48.1392)

Have a look what the booklet for
XYZ(51.2824, 52.2762, 48.1392)
contains.

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Color

**XYZ(51.1747, 52.1834,
47.9326)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBCAF
RGB	206, 188, 175
RGB Percent	81%, 74%, 69%
CMY	0.1922, 0.2627, 0.3137
CMYK	0.00, 0.09, 0.15, 0.19
HSL	25°, 24%, 75%
HSV	25°, 15%, 81%
XYZ	51.1747, 52.1834, 47.9326
YIQ	191.9000, 14.9010, -0.2270

Conversions

Conversions Part 2

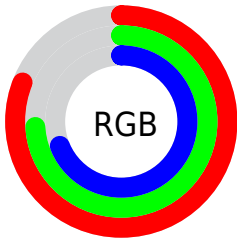
Format	Color
R_{YB}	206, 197, 175
Decimal	13548719
CIE _{Lab}	77.39, 4.22, 8.87
CIE _{LCh}	77, 9.826, 64.572
Yxy	52.1834, 0.3383, 0.3449
Android (android.graphics.Color)	4291738799 (0xFFCEBCAF)
YUV	191.9000, -8.3317, 12.3657
Hunter-Lab	72.2381, 0.0358, 11.2256

Details

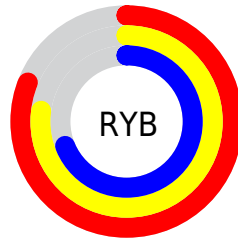
The XYZ color **51.1747, 52.1834, 47.9326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8895, 51.7090, 65.8498**, and the grayscale version is **50.0868, 52.6952, 57.3850**.

A 20% lighter version of the original color is **88.0145, 91.7309, 88.6683**, and **25.1880, 25.4334, 22.3205** is the 20% darker color. If you saturate the color by 10%, you get **46.8545, 46.5372, 37.2604**, and if you desaturate by 10%, it is **56.0182, 58.3811, 60.3032**.

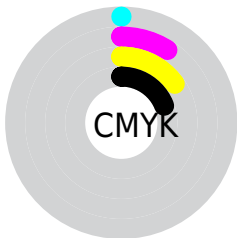
Distribution



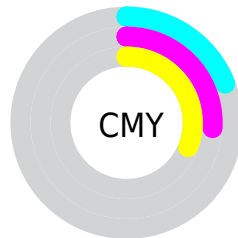
- Red (81%)
- Green (74%)
- Blue (69%)



- Red (81%)
- Yellow (77%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (15%)
- Black (19%)



- Cyan (19%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1747, 52.1834, 47.9326 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 51.1747, 52.1834, 47.9326 by changing the saturation by 10% instead.

■ 51.1747, 52.1834,
47.9326

■ 51.1747, 52.1834,
47.9326

381.6186,
395.1442, 395.0259

■ 36.5693, 37.1513,
33.4139

■ 91.0944, 93.4017,
88.4685

■ 25.0463, 25.3246,
22.1700

117.1394,
120.3566, 115.3229

■ 16.2405, 16.3191,
13.7824

147.7283,
152.0546, 147.1262

■ 9.7864, 9.7502,
7.8324

183.2264,
188.8800, 184.2970

■ 5.3187, 5.2337,
3.9017

223.9992,
231.2173, 227.2538

■ 2.4721, 2.3850,
1.5716

270.4119,

■ 0.8812, 0.8182,

279.4508, 276.4152

0.2704

322.8299,
333.9650, 332.1997

■ 0.0000, 0.0000,
0.0000

■ 51.1747, 52.1834,
47.9326

■ 51.1747, 52.1834,
47.9326

■ 46.8545, 46.5372,
37.2604

■ 56.0182, 58.3811,
60.3032

■ 43.0342, 41.4199,
28.2083

■ 61.3987, 65.1385,
74.4393

■ 39.6950, 36.8170,
20.6965

■ 67.3347, 72.4723,
90.4085

■ 36.8149, 32.7111,
14.6370

■ 73.4532, 80.2407,
106.2244

■ 34.3703, 29.0834,
9.9332

■ 77.0094, 87.3530,
107.4097

■ 32.3348, 25.9136,
6.4761

■ 79.2638, 91.8619,
108.1612

■ 30.6785, 23.1797,
4.1398

■ 29.3660, 20.8568,
2.7709

■ 28.8147, 19.8437,
2.3115

Harmonies

Analogous

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



52.6500, 52.1834, 51.1182



51.1747, 52.1834, 47.9326



49.3098, 52.1834, 47.0677

Triad

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



51.1747, 52.1834, 47.9326



46.0656, 52.1834, 57.6521



51.6885, 52.1834, 65.8217

Complementary

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



51.1747, 52.1834, 47.9326



47.8895, 51.7090, 65.8498

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.



49.8889, 52.1834, 67.8315



51.1747, 52.1834, 47.9326



46.6677, 52.1834, 62.9283

Square

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



51.1747, 52.1834, 47.9326



46.3903, 52.1834, 52.4685



48.0555, 52.1834, 66.7406



52.9519, 52.1834, 61.4033

Rectangle

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



51.1747, 52.1834, 47.9326



48.1036, 52.1834, 47.8740



48.0555, 52.1834, 66.7406



51.1245, 52.1834, 66.8137

Sweetspot

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



51.1761, 52.1857, 47.9337



90.7487, 94.5739, 97.6730



50.4191, 47.6364, 57.0388



19.2984, 20.0835, 20.5810



0.0000, 0.0000, 0.0000



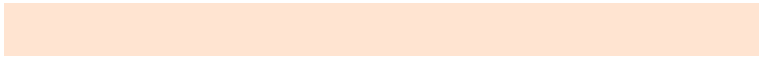
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1761, 52.1857, 47.9337



80.6020, 81.5503, 71.8791



54.6465, 59.1265, 49.0905



11.5926, 11.9741, 11.7797



17.8343, 12.4016, 1.4538



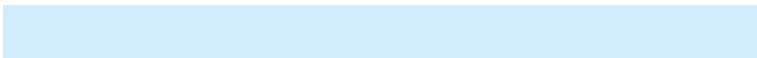
0.9945, 0.7888, 0.0998

Inverse Universe

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



47.8895, 51.7090, 65.8498



74.2951, 80.6345, 106.2560



44.6580, 45.2461, 64.7727



11.1336, 11.9076, 14.2820



11.0631, 11.1501, 37.5254



0.6447, 0.7232, 1.9606

Previews

White Background



This preview shows how the XYZ color 51.1747, 52.1834, 47.9326 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 51.1747, 52.1834, 47.9326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

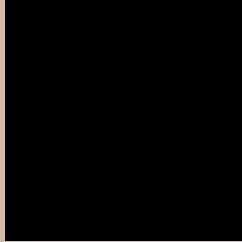
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1747, 52.1834, 47.9326

Background



This preview shows how black text looks on a background with the XYZ color 51.1747, 52.1834, 47.9326.



This preview shows how white text looks on a background with the XYZ color 51.1747, 52.1834,

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

51.1747, 52.1834, 47.9326

Protanopia

49.7560, 52.4020, 48.5665

Deuteranopia

53.0013, 51.8626, 48.2913



Tritanopia

53.7438, 51.9598, 61.2295

Trichromacy



Original Color

51.1747, 52.1834, 47.9326

Protanomaly

50.3373, 52.3790, 48.5314

Deuteranomaly

52.3368, 51.8296, 48.3200

Tritanomaly

52.6557, 51.8255, 55.9433

Monochromacy



Original Color

51.1747, 52.1834, 47.9326

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.5197, 52.6771, 53.9594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1747, 52.1834, 47.9326 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(206, 188, 175)` looks like.

```
.text, #text, p{  
    color:rgb(206, 188, 175)  
}
```

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(206, 188, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 188, 175) }
```

Border

The CSS property to change the border of an element to XYZ 51.1747, 52.1834, 47.9326 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(206, 188, 175) }
```


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

```
.border{ border-color:rgb(206, 188, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 188, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 188, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 188, 175);  
box-shadow:4px 4px 4px 4px rgb(206, 188,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1747, 52.1834, 47.9326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 188, 175) }
```

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

```
.background{ background-color: rgb(206,  
188, 175) }
```

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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