

Converting Colors

XYZ(43.7595, 50.0025, 31.7712)

Have a look what the booklet for
XYZ(43.7595, 50.0025, 31.7712)
contains.

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Color

**XYZ(43.7595, 50.0025,
31.7712)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC08B
RGB	186, 192, 139
RGB Percent	73%, 75%, 55%
CMY	0.2706, 0.2470, 0.4549
CMYK	0.03, 0.00, 0.28, 0.25
HSL	67°, 30%, 65%
HSV	67°, 28%, 75%
XYZ	43.7595, 50.0025, 31.7712
YIQ	184.1640, 13.4370, -17.7550

Conversions

Conversions Part 2

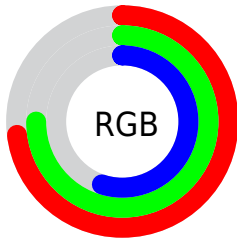
Format	Color
RYB	139, 192, 145
Decimal	12238987
CIELab	76.07, -10.77, 26.09
CIELCh	76, 28.225, 112.438
Yxy	50.0025, 0.3486, 0.3983
Android (android.graphics.Color)	4290429067 (0xFFBAC08B)
YUV	184.1640, -22.2659, 1.6102
Hunter-Lab	70.7124, -13.2843, 22.8596

Details

The XYZ color **43.7595, 50.0025, 31.7712** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.4262, 28.2922, 53.7294**, and the grayscale version is **45.7657, 48.1491, 52.4344**.

A 20% lighter version of the original color is **80.1552, 90.0397, 63.6069**, and **20.5098, 24.0754, 12.7985** is the 20% darker color. If you saturate the color by 10%, you get **41.9540, 49.2214, 24.9956**, and if you desaturate by 10%, it is **45.8220, 50.8907, 39.8470**.

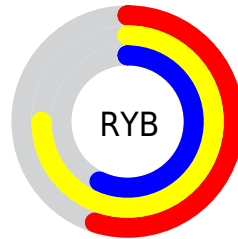
Distribution



Red (73%)

Green (75%)

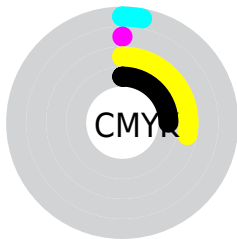
Blue (55%)



Red (55%)

Yellow (75%)

Blue (57%)

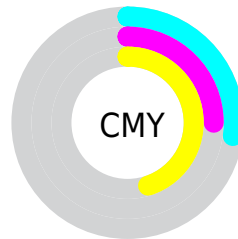


Cyan (3%)

Magenta (0%)

Yellow (28%)

Black (25%)



Cyan (27%)

Magenta (25%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7595, 50.0025, 31.7712 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 43.7595, 50.0025, 31.7712 by changing the saturation by 10% instead.

■ 43.7595, 50.0025,
31.7712

■ 43.7595, 50.0025,
31.7712

352.5948,
386.6757, 324.5362

■ 30.6786, 35.4154,
20.9234

■ 80.1043, 90.1786,
63.5460

■ 20.5048, 23.9830,
12.8773

■ 104.0989,
116.5363, 85.3100

■ 12.8729, 15.3210,
7.2144

■ 132.4621,
147.5864, 111.5500

■ 7.4175, 9.0450,
3.5161

165.5593,
183.7132, 142.6843

■ 3.7732, 4.7705,
1.3638

203.7558,
225.3012, 179.1315

■ 1.5746, 2.1133,
0.1132

247.4170,

■ 0.3758, 0.6721,

272.7347, 221.3102

0.0000

296.9082,
326.3980, 269.6389

■ 0.0000, 0.0000,
0.0000

■ 43.7595, 50.0025,
31.7712

■ 43.7595, 50.0025,
31.7712

■ 41.9540, 49.2214,
24.9956

■ 45.8220, 50.8907,
39.8470

■ 40.3889, 48.5357,
19.4492

■ 48.1497, 51.8843,
49.2827

■ 39.0512, 47.9419,
15.0590


■ 50.7551, 52.9898,
60.1384


■ 37.9253, 47.4337,
11.7430


■ 53.6487, 54.2116,
72.4692


■ 36.9936, 47.0041,
9.4084


■ 56.8405, 55.5536,
86.3277


 36.2356, 46.6449,
7.9468


 60.3400, 57.0196,
101.7637

 35.6210, 46.3440,
7.1999

 61.0493, 57.3705,
102.4637

 35.4827, 46.2756,
7.0619

 61.6392, 57.6746,
102.4913

 62.2374, 57.9830,
102.5193

Harmonies

Analogous

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



48.8728, 50.0025, 30.4315



43.7595, 50.0025, 31.7712



39.9322, 50.0025, 38.5897

Triad

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



43.7595, 50.0025, 31.7712



41.6082, 50.0025, 80.8626



58.3035, 50.0025, 58.3560

Complementary

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



43.7595, 50.0025, 31.7712



30.4262, 28.2922, 53.7294

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.



56.0259, 50.0025, 74.1367



43.7595, 50.0025, 31.7712



46.2039, 50.0025, 88.6057

Square

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



43.7595, 50.0025, 31.7712



38.7558, 50.0025, 66.2983



51.5024, 50.0025, 85.9402



57.5283, 50.0025, 44.0947

Rectangle

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



43.7595, 50.0025, 31.7712



38.4988, 50.0025, 46.1432



51.5024, 50.0025, 85.9402



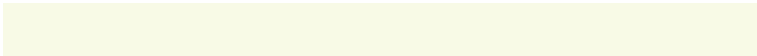
57.8641, 50.0025, 63.6855

Sweetspot

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



43.7608, 50.0047, 31.7723



87.0066, 93.9069, 88.3353



36.4189, 33.1095, 28.8981



18.5224, 20.0851, 18.3630



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



43.7608, 50.0047, 31.7723



77.2942, 89.7380, 50.0168



38.0489, 47.0602, 31.5050



10.7974, 11.6986, 10.7508



23.9163, 31.1581, 4.7536



1.0659, 1.3631, 0.2069

Inverse Universe

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



30.4262, 28.2922, 53.7294



49.2183, 44.0131, 96.2616



35.4998, 30.9077, 53.9668



9.6319, 9.8014, 12.6690



6.6554, 2.6914, 33.7253



0.3236, 0.1349, 1.4589

Previews

White Background



This preview shows how the XYZ color 43.7595, 50.0025, 31.7712 looks on a white background.

Color Contrast Check

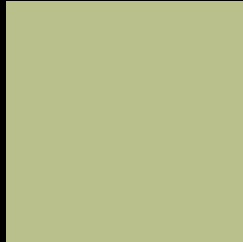
Large Text (above 18pt) WCAG AA × Fail

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 43.7595, 50.0025, 31.7712 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 43.7595, 50.0025, 31.7712

Background



This preview shows how black text looks on a background with the XYZ color 43.7595, 50.0025, 31.7712.



This preview shows how white text looks on a background with the XYZ color 43.7595, 50.0025,

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

43.7595, 50.0025, 31.7712

Protanopia

46.3731, 49.7643, 30.8283

Deuteranopia

51.0225, 49.9677, 32.5467



Tritanopia

49.6974, 49.8738, 61.0401

Trichromacy



Original Color

43.7595, 50.0025, 31.7712

Protanomaly

45.5500, 49.9659, 31.2884

Deuteranomaly

47.9606, 49.6140, 32.2480

Tritanomaly

47.1920, 49.7913, 48.7184

Monochromacy



Original Color

43.7595, 50.0025, 31.7712

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.8458, 48.6821, 44.0787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7595, 50.0025, 31.7712 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(186, 192, 139)` looks like.

```
.text, #text, p{  
    color:rgb(186, 192, 139)  
}
```

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(186, 192, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 192, 139) }
```

Border

The CSS property to change the border of an element to XYZ 43.7595, 50.0025, 31.7712 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(186, 192, 139) }
```


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

```
.border{ border-color:rgb(186, 192, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 192, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 192, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 192, 139);  
box-shadow:4px 4px 4px 4px rgb(186, 192,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7595, 50.0025, 31.7712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 192, 139) }
```

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

```
.background{ background-color: rgb(186,  
192, 139) }
```

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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