

Converting Colors

XYZ(47.4876, 41.4937, 31.4125)

Have a look what the booklet for
XYZ(47.4876, 41.4937, 31.4125)
contains.

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Color

**XYZ(47.5869, 41.6074,
31.5095)**

Conversions

Conversions Part 1

Format	Color
Hex	E09C8F
RGB	224, 156, 143
RGB Percent	88%, 61%, 56%
CMY	0.1216, 0.3882, 0.4392
CMYK	0.00, 0.30, 0.36, 0.12
HSL	10°, 57%, 72%
HSV	10°, 36%, 88%
XYZ	47.5869, 41.6074, 31.5095
YIQ	174.8500, 44.7010, 10.3730

Conversions

Conversions Part 2

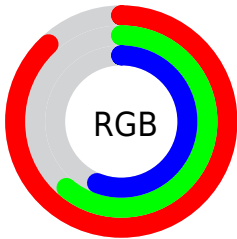
Format	Color
R_{YB}	224, 158, 143
Decimal	14720143
CIE Lab	70.60, 23.75, 17.02
CIE LCh	71, 29.222, 35.623
Yxy	41.6074, 0.3942, 0.3447
Android (android.graphics.Color)	4292910223 (0xFFE09C8F)
YUV	174.8500, -15.7020, 43.1046
Hunter-Lab	64.5038, 18.8046, 16.1901

Details

The XYZ color **47.5869, 41.6074, 31.5095** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.0756, 57.8079, 79.1453**, and the grayscale version is **40.7334, 42.8547, 46.6687**.

A 20% lighter version of the original color is **74.6123, 71.8797, 62.7650**, and **22.8624, 18.9064, 12.8002** is the 20% darker color. If you saturate the color by 10%, you get **43.1417, 35.1669, 22.4753**, and if you desaturate by 10%, it is **52.8616, 49.1644, 42.4926**.

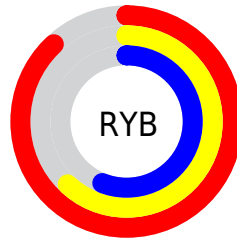
Distribution



Red (88%)

Green (61%)

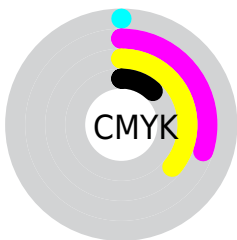
Blue (56%)



Red (88%)

Yellow (62%)

Blue (56%)

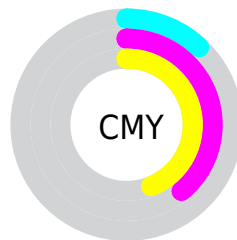


Cyan (0%)

Magenta (30%)

Yellow (36%)

Black (12%)



Cyan (12%)


Magenta (39%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5869, 41.6074, 31.5095 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 47.5869, 41.6074, 31.5095 by changing the saturation by 10% instead.


 47.5869, 41.6074,
31.5095


 47.5869, 41.6074,
31.5095


367.7623,
352.8529, 323.3024

 33.7098, 28.7940,
20.7254


 85.8024, 77.6051,
63.1303

 22.8325, 18.9250,
12.7342

 110.8715,
101.5582, 84.8041

 14.5899, 11.6161,
7.1172


140.4020,
129.9933, 110.9448

 8.6165, 6.4829,
3.4559

174.7592,
163.2948, 141.9711

 4.5470, 3.1409,
1.3319

214.3085,
201.8471, 178.3015

 2.0160, 1.2057,
0.0877

259.4152,

 0.6429, 0.0664,

246.0346, 220.3545

0.0000

310.4446,
296.2418, 268.5486

■ 0.0000, 0.0000,
0.0000

■ 47.5869, 41.6074,
31.5095

■ 47.5869, 41.6074,
31.5095

■ 43.1417, 35.1669,
22.4753

■ 52.8616, 49.1644,
42.4926

■ 39.4801, 29.7839,
15.2732

■ 59.0020, 57.8811,
55.5271

■ 36.5565, 25.4032,
9.7778

■ 66.0463, 67.8061,
70.7112

■ 34.3193, 21.9619,
5.8470

■ 74.0292, 78.9830,
88.1360

■ 32.7098, 19.3902,
3.3151

■ 82.9836, 91.4534,
107.8863

■ 31.6582, 17.6073,
1.9770

■ 84.5505, 94.5873,
108.4086

■ 31.3703, 17.1069,
1.6486

Harmonies

Analogous

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



49.5285, 41.6074, 42.7467



47.5869, 41.6074, 31.5095



43.5052, 41.6074, 25.1377

Triad

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



47.5869, 41.6074, 31.5095



31.6757, 41.6074, 35.1878



40.4636, 41.6074, 77.2654

Complementary

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



47.5869, 41.6074, 31.5095



48.0756, 57.8079, 79.1453

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.



35.8357, 41.6074, 74.1072



47.5869, 41.6074, 31.5095



31.0049, 41.6074, 47.9600

Square

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



47.5869, 41.6074, 31.5095



34.3798, 41.6074, 26.9390



32.4671, 41.6074, 62.6294



45.2067, 41.6074, 70.5473

Rectangle

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



47.5869, 41.6074, 31.5095



40.2596, 41.6074, 23.6204



32.4671, 41.6074, 62.6294



38.8420, 41.6074, 77.3374

Sweetspot

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



47.5880, 41.6094, 31.5103



83.8012, 84.2093, 84.4741



52.4280, 40.2385, 67.1920



17.6629, 17.6380, 17.4908



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.



47.5880, 41.6094, 31.5103



59.4670, 49.4934, 33.3487



55.3597, 57.1529, 34.1009



13.8841, 14.0541, 14.2877



18.3144, 10.0667, 0.9778



1.3247, 0.8082, 0.0862

Inverse Universe

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



48.0756, 57.8079, 79.1453



60.1876, 74.0692, 105.7323



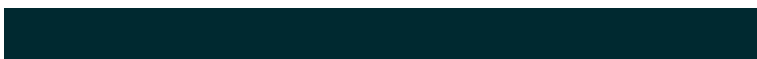
39.4117, 40.4801, 76.2574



13.9194, 15.1779, 17.5837



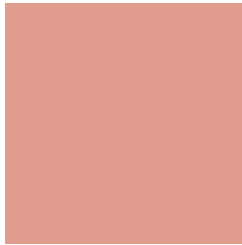
18.3746, 24.2187, 44.7546



1.3245, 1.7804, 3.1191

Previews

White Background



This preview shows how the XYZ color 47.5869, 41.6074, 31.5095 looks on a white background.

Color Contrast Check

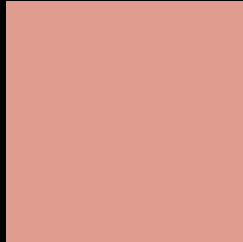
Large Text (above 18pt) WCAG AA × Fail

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 47.5869, 41.6074, 31.5095 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 47.5869, 41.6074, 31.5095

Background



This preview shows how black text looks on a background with the XYZ color 47.5869, 41.6074, 31.5095.



This preview shows how white text looks on a background with the XYZ color 47.5869, 41.6074,

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

47.5869, 41.6074, 31.5095

Protanopia

39.5855, 41.9453, 35.2880

Deuteranopia

42.5313, 41.6130, 30.9898



Tritanopia

49.4561, 41.6316, 40.5510

Trichromacy



Original Color

47.5869, 41.6074, 31.5095

Protanomaly

42.1900, 41.6459, 33.8318

Deuteranomaly

44.0973, 41.3490, 31.2482

Tritanomaly

48.6077, 41.5191, 36.9046

Monochromacy



Original Color

47.5869, 41.6074, 31.5095

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.6058, 41.9871, 40.5091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5869, 41.6074, 31.5095 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(224, 156, 143)` looks like.

```
.text, #text, p{  
    color:rgb(224, 156, 143)  
}
```

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(224, 156, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 156, 143) }
```

Border

The CSS property to change the border of an element to XYZ 47.5869, 41.6074, 31.5095 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(224, 156, 143) }
```


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

```
.border{ border-color:rgb(224, 156, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 156, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 156, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 156, 143);  
box-shadow:4px 4px 4px 4px rgb(224, 156,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5869, 41.6074, 31.5095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 156, 143) }
```

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

```
.background{ background-color: rgb(224,  
156, 143) }
```

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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