

Converting Colors

XYZ(46.0607, 40.5510, 23.0445)

Have a look what the booklet for
XYZ(46.0607, 40.5510, 23.0445)
contains.

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Color

**XYZ(45.9971, 40.4748,
23.1574)**

Conversions

Conversions Part 1

Format	Color
Hex	E19A78
RGB	225, 154, 120
RGB Percent	88%, 60%, 47%
CMY	0.1176, 0.3961, 0.5294
CMYK	0.00, 0.32, 0.47, 0.12
HSL	19°, 64%, 68%
HSV	19°, 47%, 88%
XYZ	45.9971, 40.4748, 23.1574
YIQ	171.3530, 53.2300, 4.4780

Conversions

Conversions Part 2

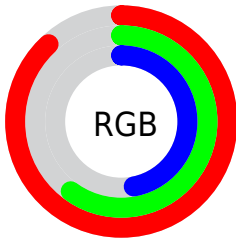
Format	Color
R _Y B	225, 170, 120
Decimal	14785144
CIE Lab	69.81, 22.70, 28.56
CIE LCh	70, 36.482, 51.521
Yxy	40.4748, 0.4196, 0.3692
Android (android.graphics.Color)	4292975224 (0xFFE19A78)
YUV	171.3530, -25.3170, 47.0484
Hunter-Lab	63.6198, 17.7208, 22.9525

Details

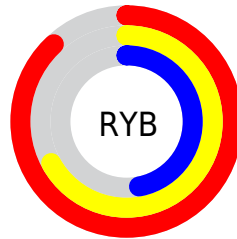
The XYZ color **45.9971, 40.4748, 23.1574** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.9663, 46.6889, 78.1394**, and the grayscale version is **38.9918, 41.0224, 44.6734**.

A 20% lighter version of the original color is **71.5833, 69.8781, 49.2501**, and **21.8251, 18.1732, 8.3187** is the 20% darker color. If you saturate the color by 10%, you get **42.4350, 35.2853, 16.0064**, and if you desaturate by 10%, it is **50.2003, 46.4332, 32.1057**.

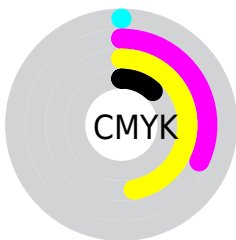
Distribution



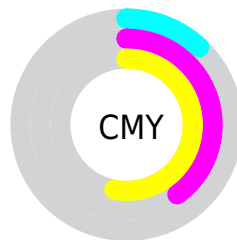
- Red (88%)
- Green (60%)
- Blue (47%)



- Red (88%)
- Yellow (67%)
- Blue (47%)



- Cyan (0%)
- Magenta (32%)
- Yellow (47%)
- Black (12%)





- Cyan (12%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.9971, 40.4748, 23.1574 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 45.9971, 40.4748, 23.1574 by changing the saturation by 10% instead.


 45.9971, 40.4748,
23.1574


 45.9971, 40.4748,
23.1574


361.5131,
348.1207, 281.6805


 32.4481, 27.9089,
14.5034


 83.4425, 75.8860,
49.5781

 21.8612, 18.2570,
8.3289


 108.0698, 99.5001,
68.1819

 13.8710, 11.1347,
4.2153


 137.1204,
127.5657, 90.9393

 8.1121, 6.1575,
1.7442

170.9599,
160.4673, 118.2690

 4.2192, 2.9411,
0.3908

209.9536,
198.5892, 150.5894

 1.8269, 1.1011,
0.0000

254.4667,

 0.5338, 0.0000,

242.3158, 188.3191

0.0000

304.8648,
292.0315, 231.8766

■ 0.0000, 0.0000,
0.0000

■ 45.9971, 40.4748,
23.1574

■ 45.9971, 40.4748,
23.1574

■ 42.4350, 35.2853,
16.0064

■ 50.2003, 46.4332,
32.1057

■ 39.4764, 30.8257,
10.5262

■ 55.0734, 53.1851,
42.9610

■ 37.0838, 27.0626,
6.5774

■ 60.6470, 60.7614,
55.8273

■ 35.2134, 23.9569,
3.9966

■ 66.9488, 69.1897,
70.8000

■ 33.8125, 21.4642,
2.5763

■ 74.0049, 78.4959,
87.9685

■ 33.4251, 20.7553,
2.2445

■ 81.8400, 88.7050,
107.4161

■ 84.8613, 94.7475,
108.4232

Harmonies

Analogous

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



50.0619, 40.4748, 33.1592



45.9971, 40.4748, 23.1574



40.1731, 40.4748, 19.0492

Triad

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



45.9971, 40.4748, 23.1574



28.2733, 40.4748, 39.4358



42.7992, 40.4748, 81.8899

Complementary

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



45.9971, 40.4748, 23.1574



39.9663, 46.6889, 78.1394

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.



36.8159, 40.4748, 84.8212



45.9971, 40.4748, 23.1574



28.8218, 40.4748, 57.1451

Square

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



45.9971, 40.4748, 23.1574



30.2287, 40.4748, 26.7374



31.8126, 40.4748, 74.8372



48.0878, 40.4748, 67.6283

Rectangle

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



45.9971, 40.4748, 23.1574



36.2408, 40.4748, 19.2216



31.8126, 40.4748, 74.8372



40.7889, 40.4748, 84.3569

Sweetspot

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



45.9981, 40.4768, 23.1582



82.6030, 83.4647, 78.9818



47.2547, 33.2355, 53.6487



17.3073, 17.3631, 16.0272



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.



45.9981, 40.4768, 23.1582



56.4790, 47.0408, 21.4907



56.4527, 61.3860, 26.6431



14.0679, 14.4217, 14.3490



19.3555, 12.1488, 1.3248



1.4210, 1.0009, 0.1183

Inverse Universe

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



39.9663, 46.6889, 78.1394



47.4975, 56.1577, 102.9439



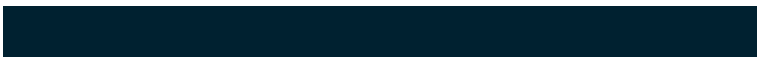
30.6055, 27.9674, 75.0192



13.7229, 14.7848, 17.5182



14.4244, 16.3185, 43.4379



1.0800, 1.2915, 3.0376

Previews

White Background



This preview shows how the XYZ color 45.9971, 40.4748, 23.1574 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 45.9971, 40.4748, 23.1574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

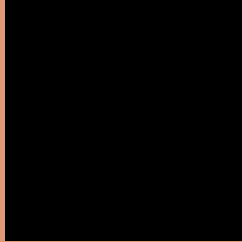
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.9971, 40.4748, 23.1574

Background



This preview shows how black text looks on a background with the XYZ color 45.9971, 40.4748, 23.1574.



This preview shows how white text looks on a background with the XYZ color 45.9971, 40.4748,

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

45.9971, 40.4748, 23.1574

Protanopia

37.9221, 40.7254, 25.9408

Deuteranopia

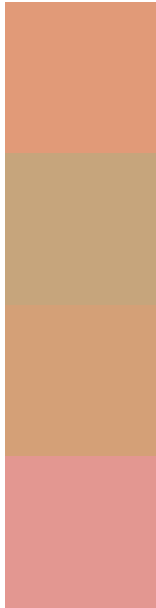
41.4473, 40.6963, 22.8102



Tritanopia

49.0875, 40.5269, 38.4930

Trichromacy



Original Color

45.9971, 40.4748, 23.1574

Protanomaly

40.3819, 40.3713, 24.7329

Deuteranomaly

43.0520, 40.4706, 22.9953

Tritanomaly

47.8560, 40.5084, 32.0847

Monochromacy



Original Color

45.9971, 40.4748, 23.1574

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.6085, 40.2536, 35.3352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9971, 40.4748, 23.1574 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(225, 154, 120)` looks like.

```
.text, #text, p{  
    color:rgb(225, 154, 120)  
}
```

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(225, 154, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 154, 120) }
```

Border

The CSS property to change the border of an element to XYZ 45.9971, 40.4748, 23.1574 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(225, 154, 120) }
```


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

```
.border{ border-color:rgb(225, 154, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 154, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 154, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 154, 120); box-shadow:4px 4px 4px 4px rgb(225, 154, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9971, 40.4748, 23.1574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 154, 120) }
```

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

```
.background{ background-color: rgb(225,  
154, 120) }
```

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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