

Converting Colors

XYZ(46.3509, 40.1542, 27.3533)

Have a look what the booklet for
XYZ(46.3509, 40.1542, 27.3533)
contains.

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Color

**XYZ(46.2023, 39.9972,
27.4754)**

Conversions

Conversions Part 1

Format	Color
Hex	E09885
RGB	224, 152, 133
RGB Percent	88%, 60%, 52%
CMY	0.1216, 0.4039, 0.4784
CMYK	0.00, 0.32, 0.41, 0.12
HSL	13°, 59%, 70%
HSV	13°, 41%, 88%
XYZ	46.2023, 39.9972, 27.4754
YIQ	171.3620, 49.0110, 9.3550

Conversions

Conversions Part 2

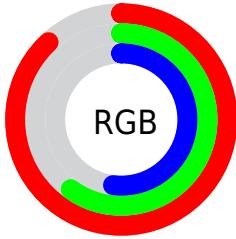
Format	Color
R _Y B	224, 157, 133
Decimal	14719109
CIE Lab	69.47, 24.74, 20.97
CIE LCh	69, 32.437, 40.287
Yxy	39.9972, 0.4064, 0.3519
Android (android.graphics.Color)	4292909189 (0xFFE09885)
YUV	171.3620, -18.9125, 46.1635
Hunter-Lab	63.2433, 19.7270, 18.5124

Details

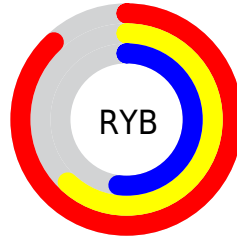
The XYZ color **46.2023, 39.9972, 27.4754** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **44.9577, 54.0287, 78.5799**, and the grayscale version is **38.9665, 40.9958, 44.6445**.

A 20% lighter version of the original color is **72.4157, 69.4308, 56.0391**, and **21.8444, 17.8459, 10.4769** is the 20% darker color. If you saturate the color by 10%, you get **42.1521, 34.1150, 19.2873**, and if you desaturate by 10%, it is **51.0143, 46.8748, 37.5463**.

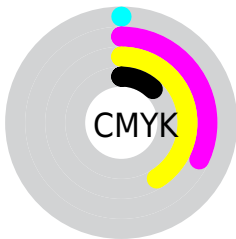
Distribution



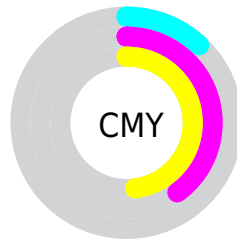
- Red (88%)
- Green (60%)
- Blue (52%)



- Red (88%)
- Yellow (62%)
- Blue (52%)



- Cyan (0%)
- Magenta (32%)
- Yellow (41%)
- Black (12%)



- Cyan (12%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2023, 39.9972, 27.4754 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 46.2023, 39.9972, 27.4754 by changing the saturation by 10% instead.

46.2023, 39.9972,
27.4754

46.2023, 39.9972,
27.4754

362.3237,
346.1118, 303.7843

32.6108, 27.5364,
17.6950

83.7477, 75.1592,
56.6588

21.9863, 17.9765,
10.5641

108.4323, 98.6293,
76.8988

13.9633, 10.9331,
5.6641

137.5453,
126.5378, 101.4625

8.1767, 6.0219,
2.5764

171.4520,
159.2692, 130.7684

4.2610, 2.8584,
0.8803

210.5179,
197.2079, 165.2349

1.8508, 1.0582,
0.0000

255.1082,

0.5480, 0.0000,

240.7383, 205.2807

0.0000

305.5884,
290.2448, 251.3243

0.0000, 0.0000,
0.0000

46.2023, 39.9972,
27.4754

46.2023, 39.9972,
27.4754

42.1521, 34.1150,
19.2873

51.0143, 46.8748,
37.5463

38.8206, 29.1760,
12.8618

56.6222, 54.7853,
49.6052

36.1647, 25.1317,
8.0684

63.0616, 63.7715,
63.7524

34.1351, 21.9271,
4.7575

70.3651, 73.8718,
80.0805

32.6753, 19.5005,
2.7513

78.5635, 85.1228,
98.6767

■ 31.7482, 17.8629,
1.7746

■ 84.5504, 94.5873,
108.4086

Harmonies

Analogous

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



48.7773, 39.9972, 38.6138



46.2023, 39.9972, 27.4754



41.5050, 39.9972, 21.6992

Triad

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



46.2023, 39.9972, 27.4754



29.3247, 39.9972, 34.5517



39.8377, 39.9972, 78.4183

Complementary

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



46.2023, 39.9972, 27.4754



44.9577, 54.0287, 78.5799

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.



34.7285, 39.9972, 76.6216



46.2023, 39.9972, 27.4754



28.9669, 39.9972, 48.8903

Square

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



46.2023, 39.9972, 27.4754



31.8856, 39.9972, 25.0896



30.8590, 39.9972, 64.9186



44.8860, 39.9972, 69.3781

Rectangle

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



46.2023, 39.9972, 27.4754



37.9659, 39.9972, 20.6572



30.8590, 39.9972, 64.9186



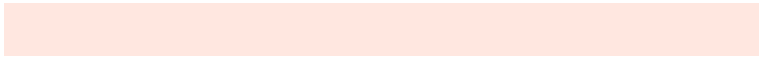
38.0664, 39.9972, 79.1039

Sweetspot

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



46.2033, 39.9991, 27.4762



83.2662, 83.6983, 82.5725



50.2444, 37.0692, 62.7721



17.5699, 17.5635, 17.1162



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.



46.2033, 39.9991, 27.4762



57.1855, 46.6988, 27.1365



54.8724, 57.3372, 30.3659



13.9380, 14.1620, 14.3057



18.5469, 10.5317, 1.0553



1.3501, 0.8590, 0.0947

Inverse Universe

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



44.9577, 54.0287, 78.5799



55.2565, 67.9557, 104.8122



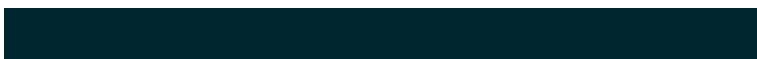
35.7506, 35.6145, 75.5109



13.8609, 15.0608, 17.5642



17.0936, 21.6568, 44.3276



1.2466, 1.6246, 3.0931

Previews

White Background



This preview shows how the XYZ color 46.2023, 39.9972, 27.4754 looks on a white background.

Color Contrast Check

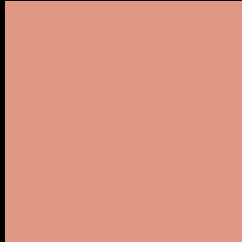
Large Text (above 18pt) WCAG AA × Fail

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 46.2023, 39.9972, 27.4754 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 46.2023, 39.9972, 27.4754

Background



This preview shows how black text looks on a background with the XYZ color 46.2023, 39.9972, 27.4754.



This preview shows how white text looks on a background with the XYZ color 46.2023, 39.9972,

27.4754.

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

46.2023, 39.9972, 27.4754

Protanopia

38.0048, 40.3758, 30.9895

Deuteranopia

41.0133, 40.1124, 27.0536



Tritanopia

48.2119, 39.8518, 37.9520

Trichromacy



Original Color

46.2023, 39.9972, 27.4754

Protanomaly

40.4496, 39.7651, 29.5883

Deuteranomaly

42.8575, 40.0175, 27.2951

Tritanomaly

47.3038, 39.7045, 34.0247

Monochromacy



Original Color

46.2023, 39.9972, 27.4754

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.5965, 39.9324, 37.4663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2023, 39.9972, 27.4754 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, 152, 133)` looks like.

```
.text, #text, p{  
    color:rgb(224, 152, 133)  
}
```

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, 152, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 152, 133) }
```

Border

The CSS property to change the border of an element to XYZ 46.2023, 39.9972, 27.4754 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, 152, 133) }
```


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

```
.border{ border-color:rgb(224, 152, 133) }
```

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

Here you see how a box with a 4 pixel rgb(224, 152, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 152, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 152, 133);  
box-shadow:4px 4px 4px 4px rgb(224, 152,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2023, 39.9972, 27.4754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 152, 133) }
```

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

```
.background{ background-color: rgb(224,  
152, 133) }
```

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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