

Converting Colors

XYZ(43.0177, 39.1309, 26.9013)

Have a look what the booklet for
XYZ(43.0177, 39.1309, 26.9013)
contains.

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Color

**XYZ(42.9695, 39.0784,
26.7509)**

Conversions

Conversions Part 1

Format	Color
Hex	D49B83
RGB	212, 155, 131
RGB Percent	83%, 61%, 51%
CMY	0.1686, 0.3921, 0.4863
CMYK	0.00, 0.27, 0.38, 0.17
HSL	18°, 49%, 67%
HSV	18°, 38%, 83%
XYZ	42.9695, 39.0784, 26.7509
YIQ	169.3070, 41.6760, 4.6200

Conversions

Conversions Part 2

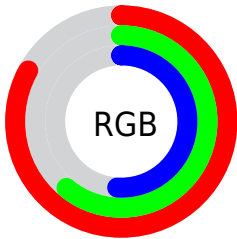
Format	Color
R_{YB}	212, 165, 131
Decimal	13933443
CIE _{Lab}	68.81, 18.19, 20.96
CIE _{LCh}	69, 27.754, 49.037
Yxy	39.0784, 0.3949, 0.3592
Android (android.graphics.Color)	4292123523 (0xFFD49B83)
YUV	169.3070, -18.8854, 37.4418
Hunter-Lab	62.5127, 13.2987, 18.3871

Details

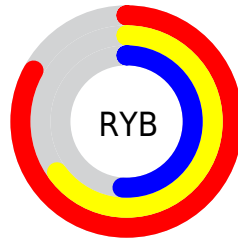
The XYZ color **42.9695, 39.0784, 26.7509** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2264, 45.5438, 69.0109**, and the grayscale version is **37.9411, 39.9170, 43.4696**.

A 20% lighter version of the original color is **72.9383, 70.8139, 55.1716**, and **20.1458, 17.5626, 10.1127** is the 20% darker color. If you saturate the color by 10%, you get **39.3460, 33.9004, 19.1649**, and if you desaturate by 10%, it is **47.1957, 44.9912, 35.9890**.

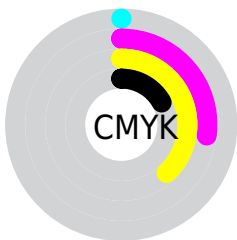
Distribution



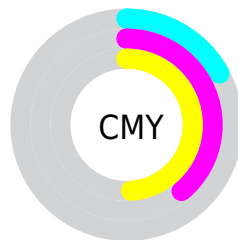
- Red (83%)
- Green (61%)
- Blue (51%)



- Red (83%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (27%)
- Yellow (38%)
- Black (17%)




- Cyan (17%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9695, 39.0784, 26.7509 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 42.9695, 39.0784, 26.7509 by changing the saturation by 10% instead.


 42.9695, 39.0784,
26.7509


 42.9695, 39.0784,
26.7509


349.4100,
342.2237, 300.1709

 30.0556, 26.8207,
17.1554


 78.9208, 73.7581,
55.4828

 20.0291, 17.4386,
10.1823


 102.6890, 96.9489,
75.4562

 12.5246, 10.5477,
5.4128


 130.8059,
124.5528, 99.7261

 7.1767, 5.7636,
2.4285

163.6370,
156.9543, 128.7110

 3.6202, 2.7019,
0.8019

201.5476,
194.5377, 162.8294

 1.4896, 0.9781,
0.0000

244.9031,

 0.3187, 0.0000,

237.6875, 202.4998

0.0000

294.0687,
286.7880, 248.1408

■ 0.0000, 0.0000,
0.0000

■ 42.9695, 39.0784,
26.7509

■ 42.9695, 39.0784,
26.7509

■ 39.3460, 33.9004,
19.1649

■ 47.1957, 44.9912,
35.9890

■ 36.2931, 29.4221,
13.1298

■ 52.0487, 51.6609,
46.9674

■ 33.7799, 25.6137,
8.5371

■ 57.5549, 59.1156,
59.7708

■ 31.7711, 22.4409,
5.2626

■ 63.7382, 67.3802,
74.4776

■ 30.2263, 19.8660,
3.1612

■ 70.6212, 76.4786,
91.1616

■ 29.0914, 17.8438,
2.0201

■ 77.7058, 86.2257,
107.1554

■ 28.9193, 17.5329,
1.8600

■ 80.9614, 92.7371,
108.2407

Harmonies

Analogous

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



45.7277, 39.0784, 35.1259



42.9695, 39.0784, 26.7509



38.7750, 39.0784, 22.9204

Triad

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



42.9695, 39.0784, 26.7509



29.4410, 39.0784, 38.1065



39.9712, 39.0784, 69.8083

Complementary

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



42.9695, 39.0784, 26.7509



39.2264, 45.5438, 69.0109

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.



35.5572, 39.0784, 71.0439



42.9695, 39.0784, 26.7509



29.7059, 39.0784, 50.9521

Square

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



42.9695, 39.0784, 26.7509



31.1137, 39.0784, 28.5607



31.8683, 39.0784, 63.5932



43.9045, 39.0784, 60.4915

Rectangle

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



42.9695, 39.0784, 26.7509



35.8298, 39.0784, 22.8269



31.8683, 39.0784, 63.5932



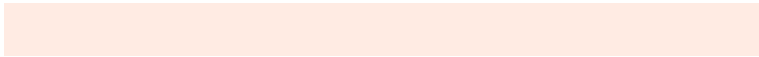
38.4876, 39.0784, 71.2430

Sweetspot

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



42.9705, 39.0803, 26.7517



84.8818, 86.3704, 84.8343



44.4587, 33.9064, 52.3742



17.9188, 18.1498, 17.5761



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.



42.9705, 39.0803, 26.7517



60.6463, 52.7674, 30.9198



50.6405, 54.4202, 29.3083



12.7202, 13.0146, 13.0024



17.9297, 10.9766, 1.1737



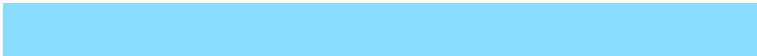
1.1530, 0.8051, 0.0946

Inverse Universe

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



39.2264, 45.5438, 69.0109



54.1374, 63.9093, 104.0901



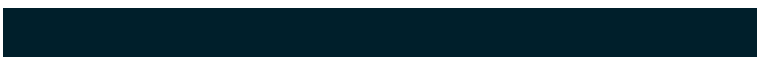
31.9205, 30.9320, 66.5756



12.4670, 13.4574, 15.8780



14.0792, 16.4202, 40.8805



0.9196, 1.1312, 2.4892

Previews

White Background



This preview shows how the XYZ color 42.9695, 39.0784, 26.7509 looks on a white background.

Color Contrast Check

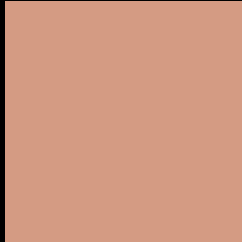
Large Text (above 18pt) WCAG AA × Fail

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 42.9695, 39.0784, 26.7509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

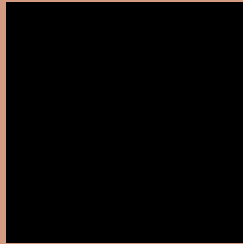
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9695, 39.0784, 26.7509

Background



This preview shows how black text looks on a background with the XYZ color 42.9695, 39.0784, 26.7509.



This preview shows how white text looks on a background with the XYZ color 42.9695, 39.0784,

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

42.9695, 39.0784, 26.7509

Protanopia

36.8781, 39.2764, 29.3043

Deuteranopia

39.8001, 38.9718, 26.5437



Tritanopia

45.6125, 39.1889, 39.3426

Trichromacy



Original Color

42.9695, 39.0784, 26.7509

Protanomaly

38.7056, 38.8908, 28.3883

Deuteranomaly

40.7845, 38.9645, 26.4904

Tritanomaly

44.5457, 38.9870, 34.4556

Monochromacy



Original Color

42.9695, 39.0784, 26.7509

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.1994, 39.2318, 36.5168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9695, 39.0784, 26.7509 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(212, 155, 131)` looks like.

```
.text, #text, p{  
    color:rgb(212, 155, 131)  
}
```

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(212, 155, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 155, 131) }
```

Border

The CSS property to change the border of an element to XYZ 42.9695, 39.0784, 26.7509 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(212, 155, 131) }
```


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

```
.border{ border-color:rgb(212, 155, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 155, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 155, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 155, 131); box-shadow:4px 4px 4px 4px rgb(212, 155, 131) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9695, 39.0784, 26.7509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 155, 131) }
```

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

```
.background{ background-color: rgb(212,  
155, 131) }
```

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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