

Converting Colors

XYZ(40.9529, 31.4630, 22.8451)

Have a look what the booklet for
XYZ(40.9529, 31.4630, 22.8451)
contains.

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Color

**XYZ(40.9699, 31.4001,
22.9703)**

Conversions

Conversions Part 1

Format	Color
Hex	DE7C7C
RGB	222, 124, 124
RGB Percent	87%, 49%, 49%
CMY	0.1294, 0.5137, 0.5137
CMYK	0.00, 0.44, 0.44, 0.13
HSL	0°, 60%, 68%
HSV	0°, 44%, 87%
XYZ	40.9699, 31.4001, 22.9703
YIQ	153.3020, 58.4080, 20.7760

Conversions

Conversions Part 2

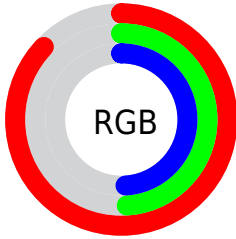
Format	Color
R _{YB}	222, 124, 124
Decimal	14580860
CIE Lab	62.84, 37.85, 16.88
CIE LCh	63, 41.446, 24.031
Yxy	31.4001, 0.4297, 0.3293
Android (android.graphics.Color)	4292770940 (0xFFDE7C7C)
YUV	153.3020, -14.4459, 60.2481
Hunter-Lab	56.0358, 32.4455, 14.9208

Details

The XYZ color **40.9699, 31.4001, 22.9703** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **47.6169, 61.7987, 78.5257**, and the grayscale version is **30.4538, 32.0398, 34.8913**.

A 20% lighter version of the original color is **64.9969, 56.2354, 48.5031**, and **18.7568, 13.0596, 8.1888** is the 20% darker color. If you saturate the color by 10%, you get **37.2450, 25.9499, 15.5645**, and if you desaturate by 10%, it is **45.6386, 38.2322, 32.2503**.

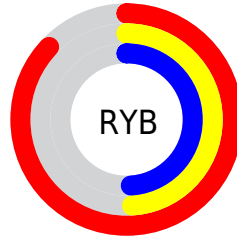
Distribution



Red (87%)

Green (49%)

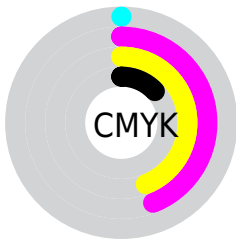
Blue (49%)



Red (87%)

Yellow (49%)

Blue (49%)

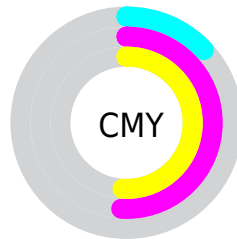


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (13%)



Cyan (13%)


Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9699, 31.4001, 22.9703 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 40.9699, 31.4001, 22.9703 by changing the saturation by 10% instead.


 40.9699, 31.4001,
22.9703


 40.9699, 31.4001,
22.9703


341.2595,
308.3774, 280.6894

 28.4831, 20.9037,
14.3665


 75.9132, 61.8694,
49.2671

 18.8325, 13.0536,
8.2343


 99.1004, 82.6112,
67.7972

 11.6526, 7.4655,
4.1553


 126.5852,
107.5368, 90.4732

 6.5781, 3.7549,
1.7109


158.7329,
137.0308, 117.7135

 3.2436, 1.5374,
0.3682

195.9088,
171.4774, 149.9367

 1.2839, 0.3148,
0.0000

238.4783,

 0.1711, 0.0000,

211.2611, 187.5614

0.0000

286.8068,
256.7663, 231.0061

■ 0.0000, 0.0000,
0.0000

■ 40.9699, 31.4001,
22.9703

■ 40.9699, 31.4001,
22.9703

■ 37.2450, 25.9499,
15.5645

■ 45.6386, 38.2322,
32.2503

■ 34.3975, 21.7830,
9.9040

■ 51.3067, 46.5263,
43.5183

■ 32.3562, 18.7959,
5.8462

■ 58.0285, 56.3621,
56.8809

■ 31.0377, 16.8666,
3.2255

■ 65.8534, 67.8122,
72.4366

■ 30.3408, 15.8468,
1.8404

■ 74.8280, 80.9446,
90.2780

■ 30.1242, 15.5298,
1.4098

■ 83.9341, 94.2695,
108.3798

Harmonies

Analogous

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



42.0755, 31.4001, 37.5458



40.9699, 31.4001, 22.9703



36.7288, 31.4001, 14.6115

Triad

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



40.9699, 31.4001, 22.9703



21.8511, 31.4001, 18.9145



28.7236, 31.4001, 75.6768

Complementary

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



40.9699, 31.4001, 22.9703



47.6169, 61.7987, 78.5257

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.



23.8798, 31.4001, 66.2579



40.9699, 31.4001, 22.9703



20.2487, 31.4001, 31.0391

Square

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



40.9699, 31.4001, 22.9703



25.6154, 31.4001, 12.8428



20.9415, 31.4001, 48.5707



34.5160, 31.4001, 71.4429

Rectangle

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



40.9699, 31.4001, 22.9703



32.9510, 31.4001, 12.0759



20.9415, 31.4001, 48.5707



26.9403, 31.4001, 73.9287

Sweetspot

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



40.9707, 31.4017, 22.9709



80.4866, 78.6897, 79.9484



50.5167, 35.2190, 73.2424



16.7544, 16.1506, 16.1719



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.



40.9707, 31.4017, 22.9709



51.3204, 36.0110, 21.9676



48.7059, 46.8721, 25.5493



13.7074, 13.7007, 14.2288



17.8933, 9.2245, 0.8374



1.2403, 0.6394, 0.0581

Inverse Universe

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



47.6169, 61.7987, 78.5257



61.5326, 82.7178, 107.3308



36.4408, 39.4464, 74.8003



14.1166, 15.5723, 17.6494



23.3452, 34.1600, 46.4115



1.6182, 2.3678, 3.2170

Previews

White Background



This preview shows how the XYZ color 40.9699, 31.4001, 22.9703 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 40.9699, 31.4001, 22.9703 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 40.9699, 31.4001, 22.9703

Background



This preview shows how black text looks on a background with the XYZ color 40.9699, 31.4001, 22.9703.



This preview shows how white text looks on a background with the XYZ color 40.9699, 31.4001,

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

40.9699, 31.4001, 22.9703

Protanopia

30.1138, 31.6624, 28.5690

Deuteranopia

32.0291, 31.3788, 22.1379



Tritanopia

41.6792, 31.5198, 25.7170

Trichromacy



Original Color

40.9699, 31.4001, 22.9703

Protanomaly

33.1980, 30.9845, 26.4212

Deuteranomaly

34.7878, 31.0268, 22.2444

Tritanomaly

41.4768, 31.4389, 24.6511

Monochromacy



Original Color

40.9699, 31.4001, 22.9703

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.9156, 30.7640, 29.7944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9699, 31.4001, 22.9703 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(222, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(222, 124, 124)  
}
```

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(222, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 124, 124) }
```

Border

The CSS property to change the border of an element to XYZ 40.9699, 31.4001, 22.9703 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(222, 124, 124) }
```


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

```
.border{ border-color:rgb(222, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(222, 124,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9699, 31.4001, 22.9703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 124, 124) }
```

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

```
.background{ background-color: rgb(222,  
124, 124) }
```

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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