

Converting Colors

XYZ(40.5185, 32.1417, 27.7392)

Have a look what the booklet for
XYZ(40.5185, 32.1417, 27.7392)
contains.

XYZ(40.5223, 32.2185, 27.7499)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.5223, 32.2185,
27.7499)**

Conversions

Conversions Part 1

Format	Color
Hex	D78289
RGB	215, 130, 137
RGB Percent	84%, 51%, 54%
CMY	0.1569, 0.4902, 0.4627
CMYK	0.00, 0.40, 0.36, 0.16
HSL	355°, 52%, 68%
HSV	355°, 40%, 84%
XYZ	40.5223, 32.2185, 27.7499
YIQ	156.2130, 48.4130, 20.1970

Conversions

Conversions Part 2

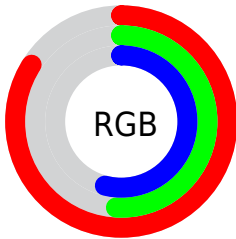
Format	Color
R_{YB}	215, 130, 137
Decimal	14123657
CIE _{Lab}	63.52, 33.55, 10.31
CIE _{LCh}	64, 35.094, 17.077
Yxy	32.2185, 0.4032, 0.3206
Android (android.graphics.Color)	4292313737 (0xFFD78289)
YUV	156.2130, -9.4720, 51.5562
Hunter-Lab	56.7613, 28.1000, 10.7468

Details

The XYZ color **40.5223, 32.2185, 27.7499** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **44.8930, 57.9015, 68.4878**, and the grayscale version is **31.7217, 33.3737, 36.3440**.

A 20% lighter version of the original color is **67.6748, 59.2587, 56.5864**, and **18.6168, 13.5492, 10.6509** is the 20% darker color. If you saturate the color by 10%, you get **36.6672, 26.5700, 20.1090**, and if you desaturate by 10%, it is **45.2354, 39.1687, 36.9543**.

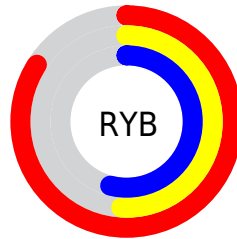
Distribution



Red (84%)

Green (51%)

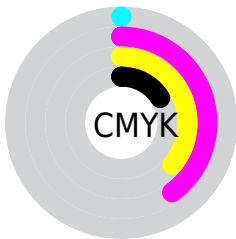
Blue (54%)



Red (84%)

Yellow (51%)

Blue (54%)

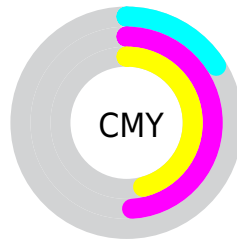


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (16%)



Cyan (16%)


Magenta (49%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5223, 32.2185, 27.7499 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 40.5223, 32.2185, 27.7499 by changing the saturation by 10% instead.


 40.5223, 32.2185,
27.7499


 40.5223, 32.2185,
27.7499


339.4169,
312.1134, 305.1442


 28.1320, 21.5284,
17.8998


 75.2375, 63.1535,
57.1032

 18.5662, 13.5108,
10.7094


 98.2931, 84.1672,
77.4435

 11.4594, 7.7812,
5.7601


 125.6346,
109.3909, 102.1176

 6.4463, 3.9553,
2.6333

157.6273,
139.2090, 131.5440

 3.1615, 1.6486,
0.9096

194.6365,
174.0059, 166.1414

 1.2397, 0.3900,
0.0000

237.0276,

 0.1374, 0.0000,

214.1660, 206.3281

0.0000

285.1659,
260.0737, 252.5229

■ 0.0000, 0.0000,
0.0000

■ 40.5223, 32.2185,
27.7499

■ 40.5223, 32.2185,
27.7499

■ 36.6672, 26.5700,
20.1090

■ 45.2354, 39.1687,
36.9543

■ 33.6159, 22.1376,
13.9429

■ 50.8513, 47.4894,
47.8006

■ 31.3121, 18.8333,
9.1568

■ 57.4146, 57.2505,
60.3639

■ 29.6909, 16.5552,
5.6440

■ 64.9664, 68.5157,
74.7144

■ 28.6765, 15.1826,
3.2824

■ 73.5452, 81.3449,
90.9183

■ 28.1495, 14.5146,
1.9171

■ 81.8343, 93.1871,
108.2815

■ 28.1310, 14.4897,
1.8734

Harmonies

Analogous

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



40.7354, 32.2185, 41.4561



40.5223, 32.2185, 27.7499



37.4851, 32.2185, 18.8214

Triad

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



40.5223, 32.2185, 27.7499



24.2387, 32.2185, 19.7478



28.5670, 32.2185, 68.4297

Complementary

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



40.5223, 32.2185, 27.7499



44.8930, 57.9015, 68.4878

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.



24.6536, 32.2185, 58.7337



40.5223, 32.2185, 27.7499



22.3397, 32.2185, 29.3945

Square

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



40.5223, 32.2185, 27.7499



27.9429, 32.2185, 15.1174



22.4830, 32.2185, 43.6001



33.4686, 32.2185, 67.6438

Rectangle

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



40.5223, 32.2185, 27.7499



34.4342, 32.2185, 15.6598



22.4830, 32.2185, 43.6001



27.1034, 32.2185, 66.1986

Sweetspot

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



40.5232, 32.2201, 27.7505



81.8571, 80.3281, 83.8045



46.2383, 34.2710, 68.4679



17.2411, 16.7773, 17.4030



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.



40.5232, 32.2201, 27.7505



55.0368, 40.6746, 31.7437



45.5850, 43.1210, 27.0418



12.4643, 12.4372, 13.1194



16.8416, 8.6730, 1.2040



1.0305, 0.5290, 0.1502

Inverse Universe

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



40.5232, 32.2201, 27.7505



55.0368, 40.6746, 31.7437



37.7103, 42.1281, 70.4339



12.4643, 12.4372, 13.1194



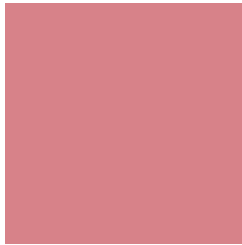
16.8416, 8.6730, 1.2040



1.0305, 0.5290, 0.1502

Previews

White Background



This preview shows how the XYZ color 40.5223, 32.2185, 27.7499 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 40.5223, 32.2185, 27.7499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

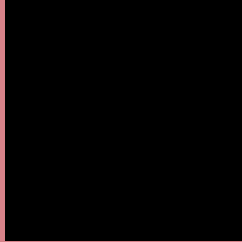
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5223, 32.2185, 27.7499

Background



This preview shows how black text looks on a background with the XYZ color 40.5223, 32.2185, 27.7499.



This preview shows how white text looks on a background with the XYZ color 40.5223, 32.2185,

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

40.5223, 32.2185, 27.7499

Protanopia

31.1612, 32.5823, 33.5008

Deuteranopia

33.1820, 32.5632, 27.0907



Tritanopia

40.6672, 32.2764, 28.5127

Trichromacy



Original Color

40.5223, 32.2185, 27.7499

Protanomaly

33.8266, 31.8788, 31.1584

Deuteranomaly

35.5320, 32.1716, 27.2587

Tritanomaly

40.5944, 32.2473, 28.1296

Monochromacy



Original Color

40.5223, 32.2185, 27.7499

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.9900, 32.3845, 32.8931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5223, 32.2185, 27.7499 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(215, 130, 137)` looks like.

```
.text, #text, p{  
    color:rgb(215, 130, 137)  
}
```

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(215, 130, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 130, 137) }
```

Border

The CSS property to change the border of an element to XYZ 40.5223, 32.2185, 27.7499 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(215, 130, 137) }
```


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

```
.border{ border-color:rgb(215, 130, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 130, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 130, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 130, 137);  
box-shadow:4px 4px 4px 4px rgb(215, 130,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5223, 32.2185, 27.7499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 130, 137) }
```

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

```
.background{ background-color: rgb(215,  
130, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor