

Converting Colors

XYZ(40.7471, 34.4979, 26.9991)

Have a look what the booklet for
XYZ(40.7471, 34.4979, 26.9991)
contains.

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Color

**XYZ(40.8325, 34.4744,
27.0564)**

Conversions

Conversions Part 1

Format	Color
Hex	D48C86
RGB	212, 140, 134
RGB Percent	83%, 55%, 53%
CMY	0.1686, 0.4510, 0.4745
CMYK	0.00, 0.34, 0.37, 0.17
HSL	5°, 48%, 68%
HSV	5°, 37%, 83%
XYZ	40.8325, 34.4744, 27.0564
YIQ	160.8440, 44.8380, 13.3980

Conversions

Conversions Part 2

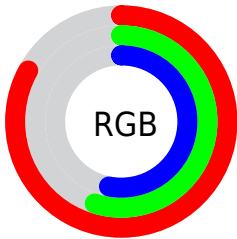
Format	Color
R _Y B	212, 141, 134
Decimal	13929606
CIE Lab	65.34, 26.68, 14.50
CIE LCh	65, 30.368, 28.518
Yxy	34.4744, 0.3989, 0.3368
Android (android.graphics.Color)	4292119686 (0xFFD48C86)
YUV	160.8440, -13.2341, 44.8638
Hunter-Lab	58.7149, 21.3844, 13.7790

Details

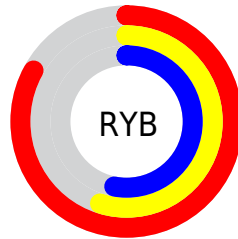
The XYZ color **40.8325, 34.4744, 27.0564** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.7856, 53.9624, 70.3953**, and the grayscale version is **33.8495, 35.6123, 38.7818**.

A 20% lighter version of the original color is **69.5014, 63.4314, 55.5941**, and **18.6902, 14.7534, 10.2501** is the 20% darker color. If you saturate the color by 10%, you get **36.8900, 28.7232, 19.1640**, and if you desaturate by 10%, it is **45.5817, 41.3644, 36.6807**.

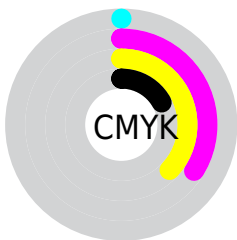
Distribution



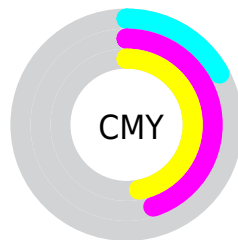
- Red (83%)
- Green (55%)
- Blue (53%)



- Red (83%)
- Yellow (55%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (37%)
- Black (17%)





- Cyan (17%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8325, 34.4744, 27.0564 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 40.8325, 34.4744, 27.0564 by changing the saturation by 10% instead.


 40.8325, 34.4744,
27.0564


 40.8325, 34.4744,
27.0564


340.6946,
322.2422, 301.6989


 28.3753, 23.2583,
17.3828


 75.7059, 66.6707,
55.9792

 18.7507, 14.7843,
10.3429


 98.8528, 88.4197,
76.0654

 11.5932, 8.6682,
5.5184


 126.2936,
114.4485, 100.4596

 6.5375, 4.5254,
2.4905

158.3938,
145.1414, 129.5803

 3.2183, 1.9716,
0.8351

195.5186,
180.8828, 163.8461

 1.2703, 0.5909,
0.0000

238.0335,

 0.1608, 0.0000,

222.0571, 203.6754

0.0000

286.3037,
269.0488, 249.4868

■ 0.0000, 0.0000,
0.0000

■ 40.8325, 34.4744,
27.0564

■ 40.8325, 34.4744,
27.0564

■ 36.8900, 28.7232,
19.1640

■ 45.5817, 41.3644,
36.6807

■ 33.7067, 24.0448,
12.8986

■ 51.1761, 49.4445,
48.1292

■ 31.2344, 20.3741,
8.1473

■ 57.6551, 58.7692,
61.4900

■ 29.4182, 17.6368,
4.7818

■ 65.0548, 69.3879,
76.8451

■ 28.1948, 15.7486,
2.6524

■ 73.4093, 81.3476,
94.2715

■ 27.4871, 14.6089,
1.5664

■ 80.9614, 92.7370,
108.2407

■ 27.3414, 14.3772,
1.3340

Harmonies

Analogous

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



42.0372, 34.4744, 38.1711



40.8325, 34.4744, 27.0564



37.4178, 34.4744, 20.3446

Triad

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



40.8325, 34.4744, 27.0564



26.0286, 34.4744, 26.1876



32.5471, 34.4744, 67.5725

Complementary

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



40.8325, 34.4744, 27.0564



43.7856, 53.9624, 70.3953

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.



28.5183, 34.4744, 62.4101



40.8325, 34.4744, 27.0564



24.9707, 34.4744, 36.9095

Square

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



40.8325, 34.4744, 27.0564



28.8674, 34.4744, 19.9281



25.8401, 34.4744, 50.4245



37.0026, 34.4744, 63.2996

Rectangle

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



40.8325, 34.4744, 27.0564



34.4913, 34.4744, 18.3517



25.8401, 34.4744, 50.4245



31.1009, 34.4744, 66.8649

Sweetspot

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



40.8334, 34.4761, 27.0571



83.1478, 82.9024, 84.2563



46.9147, 35.5428, 63.2911



17.5085, 17.3293, 17.4394



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.



40.8334, 34.4761, 27.0571



57.3199, 45.5113, 31.6707



47.4148, 47.6389, 29.2509



12.4993, 12.5728, 12.9287



16.9078, 8.9328, 0.8331



1.0472, 0.5936, 0.0594

Inverse Universe

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



43.7856, 53.9624, 70.3953



62.4093, 79.1743, 106.6006



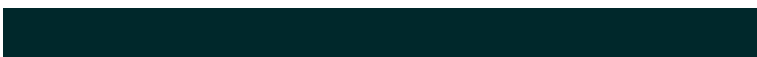
35.6812, 37.7536, 67.6939



12.7066, 13.9366, 15.9578



19.5118, 27.2854, 42.6914



1.2017, 1.6955, 2.5832

Previews

White Background



This preview shows how the XYZ color 40.8325, 34.4744, 27.0564 looks on a white background.

Color Contrast Check

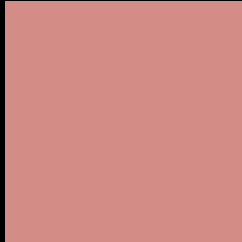
Large Text (above 18pt) WCAG AA × Fail

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 40.8325, 34.4744, 27.0564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

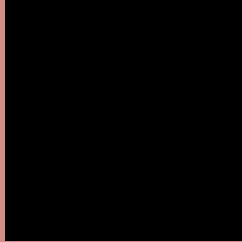
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8325, 34.4744, 27.0564

Background



This preview shows how black text looks on a background with the XYZ color 40.8325, 34.4744, 27.0564.



This preview shows how white text looks on a background with the XYZ color 40.8325, 34.4744,

27.0564.

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

40.8325, 34.4744, 27.0564

Protanopia

33.0819, 34.8864, 30.9768

Deuteranopia

35.3233, 34.6388, 26.6540



Tritanopia

41.8743, 34.4612, 32.4616

Trichromacy



Original Color

40.8325, 34.4744, 27.0564

Protanomaly

35.4903, 34.4172, 29.5836

Deuteranomaly

37.0717, 34.3426, 26.8652

Tritanomaly

41.6311, 34.5945, 30.4698

Monochromacy



Original Color

40.8325, 34.4744, 27.0564

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.7995, 34.7201, 34.0930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8325, 34.4744, 27.0564 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, 140, 134)` looks like.

```
.text, #text, p{  
    color:rgb(212, 140, 134)  
}
```

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, 140, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 140, 134) }
```

Border

The CSS property to change the border of an element to XYZ 40.8325, 34.4744, 27.0564 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, 140, 134) }
```


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

```
.border{ border-color:rgb(212, 140, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 140, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 140, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 140, 134);  
box-shadow:4px 4px 4px 4px rgb(212, 140,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8325, 34.4744, 27.0564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 140, 134) }
```

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

```
.background{ background-color: rgb(212,  
140, 134) }
```

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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