

Converting Colors

XYZ(40.9935, 40.3590, 27.4593)

Have a look what the booklet for
XYZ(40.9935, 40.3590, 27.4593)
contains.

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Color

**XYZ(40.9935, 40.3590,
27.4593)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A484
RGB	199, 164, 132
RGB Percent	78%, 64%, 52%
CMY	0.2196, 0.3568, 0.4823
CMYK	0.00, 0.18, 0.34, 0.22
HSL	29°, 37%, 65%
HSV	29°, 34%, 78%
XYZ	40.9935, 40.3590, 27.4593
YIQ	170.8170, 31.1320, -2.5320

Conversions

Conversions Part 2

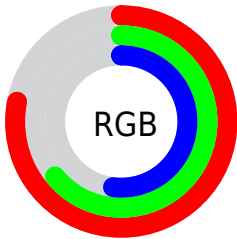
Format	Color
RYB	199, 193, 132
Decimal	13083780
CIELab	69.72, 8.27, 21.44
CIELCh	70, 22.981, 68.910
Yxy	40.3590, 0.3767, 0.3709
Android (android.graphics.Color)	4291273860 (0xFFC7A484)
YUV	170.8170, -19.1368, 24.7165
Hunter-Lab	63.5287, 4.0063, 18.8429

Details

The XYZ color **40.9935, 40.3590, 27.4593** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.6428, 36.6653, 59.3368**, and the grayscale version is **38.6998, 40.7152, 44.3388**.

A 20% lighter version of the original color is **75.3285, 75.4258, 56.4873**, and **18.8188, 18.1268, 10.4896** is the 20% darker color. If you saturate the color by 10%, you get **37.9750, 36.2972, 20.3635**, and if you desaturate by 10%, it is **44.4259, 44.8326, 35.9755**.

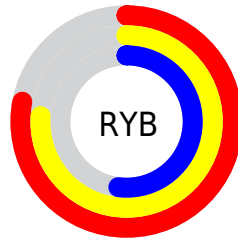
Distribution



Red (78%)

Green (64%)

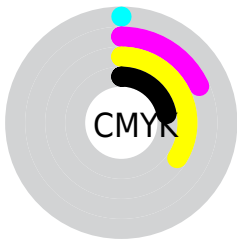
Blue (52%)



Red (78%)

Yellow (76%)

Blue (52%)

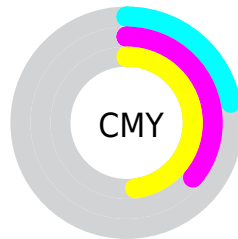


Cyan (0%)

Magenta (18%)

Yellow (34%)

Black (22%)



Cyan (22%)

Magenta (36%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9935, 40.3590, 27.4593 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 40.9935, 40.3590, 27.4593 by changing the saturation by 10% instead.


 40.9935, 40.3590,
27.4593


 40.9935, 40.3590,
27.4593


341.3565,
347.6344, 303.7044


 28.5017, 27.8186,
17.6830


 75.9488, 75.7099,
56.6327

 18.8465, 18.1889,
10.5556


 99.1430, 99.2891,
76.8668

 11.6628, 11.0857,
5.6584


 126.6353,
127.3167, 101.4240

 6.5851, 6.1245,
2.5731

158.7911,
160.1771, 130.7228

 3.2480, 2.9209,
0.8785

195.9758,
198.2547, 165.1817

 1.2862, 1.0906,
0.0000

238.5546,

 0.1729, 0.0000,

241.9338, 205.2192

0.0000

286.8931,
291.5989, 251.2539

0.0000, 0.0000,
0.0000

40.9935, 40.3590,
27.4593

40.9935, 40.3590,
27.4593

37.9750, 36.2972,
20.3635

44.4259, 44.8326,
35.9755

35.3488, 32.6284,
14.6063

48.2863, 49.7247,
45.9827

33.0960, 29.3404,
10.1015


52.5918, 55.0491,
57.5496


31.1944, 26.4182,
6.7515


57.3574, 60.8171,
70.7399


29.6187, 23.8450,
4.4440

62.5977, 67.0396,
85.6139


 28.3393, 21.6023,
3.0434

 68.3264, 73.7269,
102.2285

 27.6506, 20.3370,
2.4681

 71.8193, 79.7943,
106.2243

 74.9126, 85.9809,
107.2554

 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



44.2032, 40.3590, 32.2856



40.9935, 40.3590, 27.4593



37.2621, 40.3590, 26.6448

Triad

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



40.9935, 40.3590, 27.4593



31.7146, 40.3590, 47.1961



43.0335, 40.3590, 61.9019

Complementary

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



40.9935, 40.3590, 27.4593



33.6428, 36.6653, 59.3368

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.



39.4793, 40.3590, 67.4648



40.9935, 40.3590, 27.4593



33.0559, 40.3590, 58.1174

Square

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



40.9935, 40.3590, 27.4593



32.0621, 40.3590, 36.9733



35.8418, 40.3590, 65.9779



45.4330, 40.3590, 51.7402

Rectangle

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



40.9935, 40.3590, 27.4593



35.0029, 40.3590, 28.3320



35.8418, 40.3590, 65.9779



41.9253, 40.3590, 64.4408

Sweetspot

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



40.9945, 40.3609, 27.4601



87.1100, 90.2595, 87.3259



38.8478, 31.4623, 40.9413



18.4203, 19.0398, 18.0919



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.



40.9945, 40.3609, 27.4601



68.0454, 65.6712, 39.2264



47.6315, 53.6347, 29.6724



11.0448, 11.4588, 11.1924



17.8666, 13.2503, 1.6159



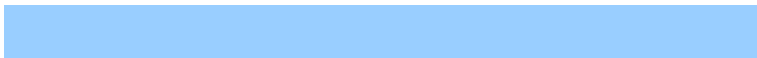
0.9184, 0.7722, 0.1007

Inverse Universe

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



33.6428, 36.6653, 59.3368



53.3249, 58.2683, 103.0441



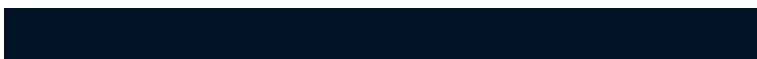
28.3823, 26.1444, 57.5833



10.5074, 11.1888, 13.5233



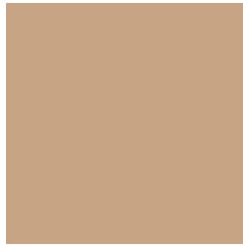
9.8965, 9.1868, 35.9960



0.5408, 0.5794, 1.7285

Previews

White Background



This preview shows how the XYZ color 40.9935, 40.3590, 27.4593 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 40.9935, 40.3590, 27.4593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

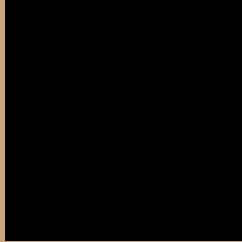
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9935, 40.3590, 27.4593

Background



This preview shows how black text looks on a background with the XYZ color 40.9935, 40.3590, 27.4593.



This preview shows how white text looks on a background with the XYZ color 40.9935, 40.3590,

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

40.9935, 40.3590, 27.4593

Protanopia

37.8040, 40.3225, 28.7122

Deuteranopia

41.2597, 40.4962, 27.4717



Tritanopia

44.3774, 40.4331, 43.9935

Trichromacy



Original Color

40.9935, 40.3590, 27.4593

Protanomaly

39.0447, 40.4179, 28.2978

Deuteranomaly

41.2597, 40.4962, 27.4717

Tritanomaly

43.1878, 40.4806, 37.4356

Monochromacy



Original Color

40.9935, 40.3590, 27.4593

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.1445, 40.2633, 37.6068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9935, 40.3590, 27.4593 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(199, 164, 132)` looks like.

```
.text, #text, p{  
    color:rgb(199, 164, 132)  
}
```

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(199, 164, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 164, 132) }
```

Border

The CSS property to change the border of an element to XYZ 40.9935, 40.3590, 27.4593 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(199, 164, 132) }
```


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

```
.border{ border-color:rgb(199, 164, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 164, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 164, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 164, 132);  
box-shadow:4px 4px 4px 4px rgb(199, 164,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9935, 40.3590, 27.4593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 164, 132) }
```

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

```
.background{ background-color: rgb(199,  
164, 132) }
```

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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