

Converting Colors

XYZ(40.1371, 39.9254, 27.0636)

Have a look what the booklet for
XYZ(40.1371, 39.9254, 27.0636)
contains.

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Color

**XYZ(40.1371, 39.9254,
27.0636)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A483
RGB	196, 164, 131
RGB Percent	77%, 64%, 51%
CMY	0.2314, 0.3568, 0.4863
CMYK	0.00, 0.16, 0.33, 0.23
HSL	30°, 36%, 64%
HSV	30°, 33%, 77%
XYZ	40.1371, 39.9254, 27.0636
YIQ	169.8060, 29.6650, -3.4790

Conversions

Conversions Part 2

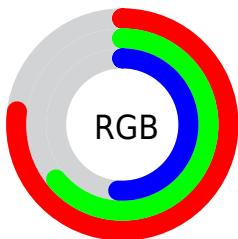
Format	Color
RYB	194, 196, 131
Decimal	12887171
CIELab	69.42, 6.95, 21.52
CIElCh	69, 22.614, 72.107
Yxy	39.9254, 0.3747, 0.3727
Android (android.graphics.Color)	4291077251 (0xFFC4A483)
YUV	169.8060, -19.1314, 22.9721
Hunter-Lab	63.1865, 2.8096, 18.8359

Details

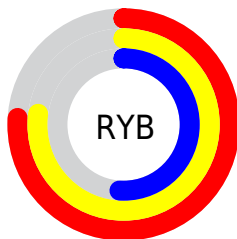
The XYZ color **40.1371, 39.9254, 27.0636** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.4205, 35.0039, 57.2721**, and the grayscale version is **38.1946, 40.1837, 43.7601**.

A 20% lighter version of the original color is **74.4913, 75.0064, 55.8990**, and **18.2639, 17.8451, 10.2664** is the 20% darker color. If you saturate the color by 10%, you get **37.2710, 36.1217, 20.1628**, and if you desaturate by 10%, it is **43.3876, 44.0954, 35.3332**.

Distribution



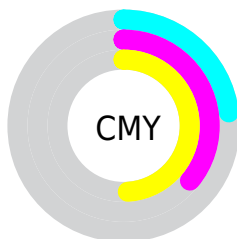
- Red (77%)
- Green (64%)
- Blue (51%)



- Red (76%)
- Yellow (77%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (33%)
- Black (23%)





- Cyan (23%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1371, 39.9254, 27.0636 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 40.1371, 39.9254, 27.0636 by changing the saturation by 10% instead.


 40.1371, 39.9254,
27.0636


 40.1371, 39.9254,
27.0636


337.8256,
345.8090, 301.7348


 27.8301, 27.4804,
17.3881


 74.6553, 75.0499,
55.9909

 18.3375, 17.9343,
10.3467


 97.5972, 98.4982,
76.0798

 11.2937, 10.9029,
5.5209


 124.8148,
126.3830, 100.4769

 6.3335, 6.0015,
2.4920

156.6734,
159.0888, 129.6008

 3.0915, 2.8460,
0.8359

193.5385,
196.9998, 163.8700

 1.2023, 1.0519,
0.0000

235.7753,

 0.1082, 0.0000,

240.5007, 203.7030

0.0000

283.7492,
289.9756, 249.5185

■ 0.0000, 0.0000,
0.0000

■ 40.1371, 39.9254,
27.0636

■ 40.1371, 39.9254,
27.0636

■ 37.2710, 36.1217,
20.1628

■ 43.3876, 44.0954,
35.3332

■ 34.7691, 32.6671,
14.5526

■ 47.0353, 48.6369,
45.0389

■ 32.6138, 29.5514,
10.1505


■ 51.0961, 53.5620,
56.2468


■ 30.7845, 26.7614,
6.8632


■ 55.5841, 58.8806,
69.0179


■ 29.2579, 24.2825,
4.5839

■ 60.5126, 64.6022,
83.4098


 28.0064, 22.0983,
3.1838

 65.8943, 70.7357,
99.4771

 27.2763, 20.7586,
2.5692

 69.5422, 76.4103,
105.6911

 72.3258, 81.9776,
106.6190

 75.2608, 87.8475,
107.5973

Harmonies

Analogous

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



43.3756, 39.9254, 31.3792



40.1371, 39.9254, 27.0636



36.5001, 39.9254, 26.6839

Triad

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



40.1371, 39.9254, 27.0636



31.5132, 39.9254, 47.8090



42.8323, 39.9254, 60.0862

Complementary

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



40.1371, 39.9254, 27.0636



32.4205, 35.0039, 57.2721

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.



39.4335, 39.9254, 66.1398



40.1371, 39.9254, 27.0636



32.9929, 39.9254, 58.3299

Square

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



40.1371, 39.9254, 27.0636



31.6749, 39.9254, 37.6048



35.8398, 39.9254, 65.4501



44.9988, 39.9254, 49.9197

Rectangle

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



40.1371, 39.9254, 27.0636



34.3513, 39.9254, 28.6194



35.8398, 39.9254, 65.4501



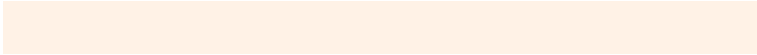
41.7871, 39.9254, 62.7374

Sweetspot

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



40.1381, 39.9273, 27.0644



87.3384, 90.7164, 87.4021



37.5372, 30.6310, 38.8199



18.4756, 19.1503, 18.1103



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.



40.1381, 39.9273, 27.0644



68.7713, 67.1230, 39.4684



46.6016, 52.8543, 29.2189



10.4864, 10.9043, 10.6139



17.6126, 13.5110, 1.6796



0.8299, 0.7215, 0.0955

Inverse Universe

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



32.4205, 35.0039, 57.2721



52.5920, 56.8025, 102.7998



27.4405, 25.0439, 55.6121



9.9285, 10.5484, 12.7976



9.2038, 8.1641, 34.6473



0.4667, 0.4907, 1.5200

Previews

White Background



This preview shows how the XYZ color 40.1371, 39.9254, 27.0636 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 40.1371, 39.9254, 27.0636 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 40.1371, 39.9254, 27.0636

Background



This preview shows how black text looks on a background with the XYZ color 40.1371, 39.9254, 27.0636.



This preview shows how white text looks on a background with the XYZ color 40.1371, 39.9254,

27.0636.

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

40.1371, 39.9254, 27.0636

Protanopia

37.4777, 39.8931, 27.9152

Deuteranopia

40.7471, 39.9752, 27.0411



Tritanopia

43.5682, 40.0159, 43.9556

Trichromacy



Original Color

40.1371, 39.9254, 27.0636

Protanomaly

38.2333, 39.7425, 27.4858

Deuteranomaly

40.4826, 39.8388, 27.0287

Tritanomaly

42.2988, 40.0322, 36.9501

Monochromacy



Original Color

40.1371, 39.9254, 27.0636

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.5938, 39.9893, 37.1371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1371, 39.9254, 27.0636 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(196, 164, 131)` looks like.

```
.text, #text, p{  
    color:rgb(196, 164, 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(196, 164, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 164, 131) }
```

Border

The CSS property to change the border of an element to XYZ 40.1371, 39.9254, 27.0636 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(196, 164, 131) }
```


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

```
.border{ border-color:rgb(196, 164, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 164, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 164, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 164, 131); box-shadow:4px 4px 4px 4px rgb(196, 164, 131) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1371, 39.9254, 27.0636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 164, 131) }
```

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

```
.background{ background-color: rgb(196,  
164, 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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