

Converting Colors

XYZ(37.0587, 39.4020, 27.8425)

Have a look what the booklet for
XYZ(37.0587, 39.4020, 27.8425)
contains.

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Color

**XYZ(37.0587, 39.4020,
27.8425)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A885
RGB	180, 168, 133
RGB Percent	71%, 66%, 52%
CMY	0.2941, 0.3412, 0.4784
CMYK	0.00, 0.07, 0.26, 0.29
HSL	45°, 24%, 61%
HSV	45°, 26%, 71%
XYZ	37.0587, 39.4020, 27.8425
YIQ	167.5980, 18.3870, -8.3410

Conversions

Conversions Part 2

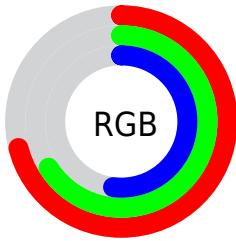
Format	Color
R_{YB}	149, 180, 133
Decimal	11839621
CIE _{Lab}	69.04, -1.28, 19.68
CIE _{LCh}	69, 19.721, 93.729
Yxy	39.4020, 0.3553, 0.3778
Android (android.graphics.Color)	4290029701 (0xFFB4A885)
YUV	167.5980, -17.0568, 10.8766
Hunter-Lab	62.7710, -4.4666, 17.6412

Details

The XYZ color **37.0587, 39.4020, 27.8425** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.0364, 28.5321, 47.2099**, and the grayscale version is **37.0979, 39.0298, 42.5035**.

A 20% lighter version of the original color is **69.8427, 74.1534, 57.0863**, and **16.5591, 17.6273, 10.7133** is the 20% darker color. If you saturate the color by 10%, you get **35.0873, 37.2815, 21.5669**, and if you desaturate by 10%, it is **39.2753, 41.6713, 35.2522**.

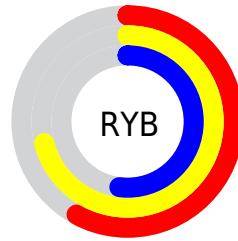
Distribution



Red (71%)

Green (66%)

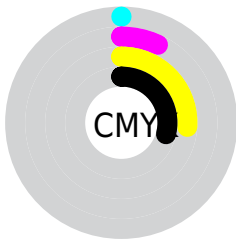
Blue (52%)



Red (58%)

Yellow (71%)

Blue (52%)

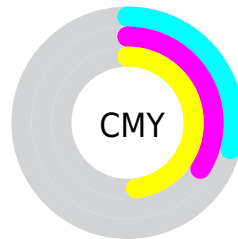


Cyan (0%)

Magenta (7%)

Yellow (26%)

Black (29%)



Cyan (29%)

Magenta (34%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0587, 39.4020, 27.8425 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 37.0587, 39.4020, 27.8425 by changing the saturation by 10% instead.

■ 37.0587, 39.4020,
27.8425

■ 37.0587, 39.4020,
27.8425

324.9157,
343.5966, 305.6018

■ 25.4268, 27.0726,
17.9690

■ 69.9763, 74.2520,
57.2530

■ 16.5258, 17.6278,
10.7585

■ 91.9927, 97.5415,
77.6270

■ 9.9902, 10.6831,
5.7926

■ 118.2014,
125.2530, 102.3382

■ 5.4546, 5.8541,
2.6526

148.9677,
157.7711, 131.8052

■ 2.5539, 2.7566,
0.9194

184.6569,
195.4801, 166.4465

■ 0.9225, 1.0060,
0.0000

225.6344,

■ 0.0000, 0.0000,

238.7644, 206.6807

0.0000

272.2655,
288.0085, 252.9263

■ 37.0587, 39.4020,
27.8425

■ 37.0587, 39.4020,
27.8425

■ 35.0873, 37.2815,
21.5669

■ 39.2753, 41.6713,
35.2522

■ 33.3467, 35.2994,
16.3655

■ 41.7444, 44.0887,
43.8468

■ 31.8260, 33.4523,
12.1769

■ 44.4768, 46.6602,
53.6769

■ 30.5118, 31.7342,
8.9322

■ 47.4816, 49.3902,
64.7895

■ 29.3890, 30.1386,
6.5540

■ 50.7677, 52.2824,
77.2292

■ 28.4403, 28.6581,
4.9524

■ 54.3432, 55.3408,
91.0383

■ 27.6431, 27.2831,
4.0103

■ 57.5650, 58.3084,
102.8284

■ 27.3555, 26.7693,
3.7252

■ 58.6463, 60.4709,
103.1888

■ 59.7598, 62.6980,
103.5600

Harmonies

Analogous

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



40.1901, 39.4020, 29.1761



37.0587, 39.4020, 27.8425



34.1934, 39.4020, 30.0554

Triad

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



37.0587, 39.4020, 27.8425



32.6449, 39.4020, 53.2499



43.1363, 39.4020, 51.0295

Complementary

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



37.0587, 39.4020, 27.8425



28.0364, 28.5321, 47.2099

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.



40.9080, 39.4020, 58.9697



37.0587, 39.4020, 27.8425



34.8382, 39.4020, 60.3724

Square

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



37.0587, 39.4020, 27.8425



31.7367, 39.4020, 44.0377



37.8449, 39.4020, 62.5986



43.8117, 39.4020, 41.7861

Rectangle

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



37.0587, 39.4020, 27.8425



32.7855, 39.4020, 33.4541



37.8449, 39.4020, 62.5986



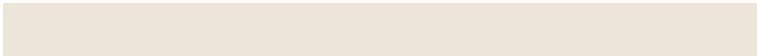
42.5381, 39.4020, 53.9799

Sweetspot

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



37.0597, 39.4038, 27.8433



74.7458, 79.0311, 76.1669



32.3624, 28.5397, 30.8078



16.0076, 16.9382, 15.9444



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.0597, 39.4038, 27.8433



65.2048, 69.3292, 44.0689



36.9246, 42.7750, 28.5012



9.0098, 9.5321, 9.0175



19.1483, 18.7952, 2.6186



0.6461, 0.6785, 0.0969

Inverse Universe

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



28.0364, 28.5321, 47.2099



46.2219, 46.4624, 84.8266



28.1220, 25.9972, 46.7161



8.2124, 8.5711, 10.7279



6.4770, 3.7544, 30.5203



0.2516, 0.2137, 0.9762

Previews

White Background



This preview shows how the XYZ color 37.0587, 39.4020, 27.8425 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 37.0587, 39.4020, 27.8425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

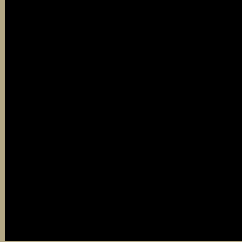
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0587, 39.4020, 27.8425

Background



This preview shows how black text looks on a background with the XYZ color 37.0587, 39.4020, 27.8425.



This preview shows how white text looks on a background with the XYZ color 37.0587, 39.4020,

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

37.0587, 39.4020, 27.8425

Protanopia

36.8267, 39.2824, 27.8316

Deuteranopia

39.9884, 39.2977, 28.0318



Tritanopia

40.6658, 39.2501, 45.9901

Trichromacy



Original Color

37.0587, 39.4020, 27.8425

Protanomaly

36.8267, 39.2824, 27.8316

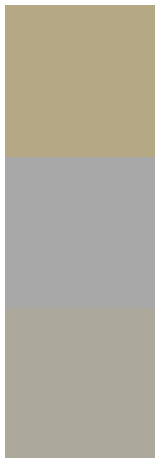
Deuteranomaly

38.8137, 39.2193, 28.0786

Tritanomaly

39.1491, 39.1563, 38.7522

Monochromacy



Original Color

37.0587, 39.4020, 27.8425

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.9323, 39.1425, 36.6191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0587, 39.4020, 27.8425 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(180, 168, 133)` looks like.

```
.text, #text, p{  
    color:rgb(180, 168, 133)  
}
```

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(180, 168, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 168, 133) }
```

Border

The CSS property to change the border of an element to XYZ 37.0587, 39.4020, 27.8425 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(180, 168, 133) }
```


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

```
.border{ border-color:rgb(180, 168, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 168, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 168, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 168, 133);  
box-shadow:4px 4px 4px 4px rgb(180, 168,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0587, 39.4020, 27.8425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 168, 133) }
```

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

```
.background{ background-color: rgb(180,  
168, 133) }
```

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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