

Converting Colors

XYZ(37.5797, 37.5125, 28.9269)

Have a look what the booklet for
XYZ(37.5797, 37.5125, 28.9269)
contains.

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Color

**XYZ(37.5797, 37.5125,
28.9269)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA089
RGB	187, 160, 137
RGB Percent	73%, 63%, 54%
CMY	0.2667, 0.3725, 0.4627
CMYK	0.00, 0.14, 0.27, 0.27
HSL	28°, 27%, 64%
HSV	28°, 27%, 73%
XYZ	37.5797, 37.5125, 28.9269
YIQ	165.4510, 23.4750, -1.4290

Conversions

Conversions Part 2

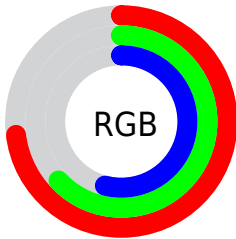
Format	Color
R_{YB}	187, 180, 137
Decimal	12296329
CIE _{Lab}	67.66, 6.38, 15.67
CIE _{LCh}	68, 16.918, 67.856
Yxy	37.5125, 0.3613, 0.3606
Android (android.graphics.Color)	4290486409 (0xFFBBA089)
YUV	165.4510, -14.0263, 18.8985
Hunter-Lab	61.2474, 2.3395, 14.8708

Details

The XYZ color **37.5797, 37.5125, 28.9269** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.5614, 35.4563, 52.1416**, and the grayscale version is **36.0390, 37.9159, 41.2904**.

A 20% lighter version of the original color is **70.9029, 71.5517, 58.7891**, and **16.8618, 16.6119, 11.3345** is the 20% darker color. If you saturate the color by 10%, you get **34.6732, 33.6633, 21.9038**, and if you desaturate by 10%, it is **40.8628, 41.7425, 37.2235**.

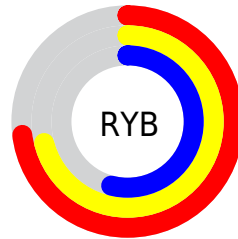
Distribution



Red (73%)

Green (63%)

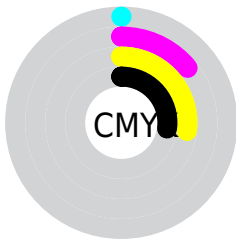
Blue (54%)



Red (73%)

Yellow (71%)

Blue (54%)

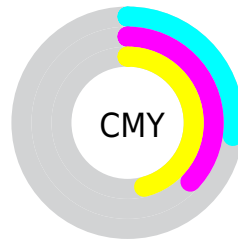


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5797, 37.5125, 28.9269 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 37.5797, 37.5125, 28.9269 by changing the saturation by 10% instead.


 37.5797, 37.5125,
28.9269


 37.5797, 37.5125,
28.9269


327.1257,
335.5241, 310.9200

 25.8324, 25.6045,
18.7804

 70.7715, 71.3603,
59.0017

 16.8303, 16.5280,
11.3365


 92.9467, 94.0690,
79.7672

 10.2081, 9.8986,
6.1767


 119.3286,
121.1466, 104.9093

 5.6005, 5.3318,
2.8823

150.2826,
152.9777, 134.8468

 2.6420, 2.4432,
1.0348

186.1739,
189.9466, 169.9980

 0.9674, 0.8480,
0.0000

227.3679,

 0.0000, 0.0000,

232.4377, 210.7816

0.0000

274.2301,
280.8354, 257.6161

■ 37.5797, 37.5125,
28.9269

■ 37.5797, 37.5125,
28.9269

■ 34.6732, 33.6633,
21.9038

■ 40.8628, 41.7425,
37.2235

■ 32.1251, 30.1783,
16.0875

■ 44.5341, 46.3590,
46.8509

■ 29.9198, 27.0468,
11.4088

■ 48.6080, 51.3743,
57.8658

■ 28.0393, 24.2560,
7.7905

■ 53.0973, 56.7984,
70.3209

■ 26.4633, 21.7917,
5.1455

■ 58.0144, 62.6408,
84.2660

■ 25.1691, 19.6385,
3.3725

■ 63.3710, 68.9109,
99.7487

■ 24.1268, 17.7776,
2.3350

■ 67.0305, 74.7585,
105.5047

■ 23.8241, 17.2258,
2.0692

■ 69.9333, 80.5642,
106.4723

■ 73.0018, 86.7011,
107.4951

Harmonies

Analogous

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



39.7652, 37.5125, 32.6448



37.5797, 37.5125, 28.9269



34.9730, 37.5125, 28.1980

Triad

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



37.5797, 37.5125, 28.9269



30.9109, 37.5125, 42.8407



38.8235, 37.5125, 53.2752

Complementary

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



37.5797, 37.5125, 28.9269



32.5614, 35.4563, 52.1416

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.



36.3448, 37.5125, 56.7997



37.5797, 37.5125, 28.9269



31.8373, 37.5125, 50.3143

Square

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



37.5797, 37.5125, 28.9269



31.2055, 37.5125, 35.6635



33.7962, 37.5125, 55.6548



40.5074, 37.5125, 46.5050

Rectangle

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



37.5797, 37.5125, 28.9269



33.3608, 37.5125, 29.4104



33.7962, 37.5125, 55.6548



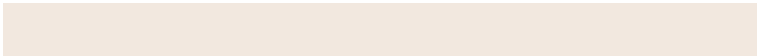
38.0510, 37.5125, 54.9143

Sweetspot

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



37.5807, 37.5142, 28.9277



78.8020, 81.8351, 81.3626



36.1857, 31.1550, 39.4659



17.1274, 17.7388, 17.3188



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.5807, 37.5142, 28.9277



64.2166, 63.1199, 44.2674



42.2538, 46.8604, 30.4854



9.8821, 10.2402, 10.0323



16.4855, 12.0099, 1.4493



0.7112, 0.6013, 0.0786

Inverse Universe

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



32.5614, 35.4563, 52.1416



53.7380, 58.8212, 92.7227



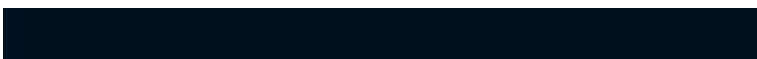
28.5918, 27.5171, 50.8184



9.4317, 10.0557, 12.1160



9.4573, 9.0264, 33.6367



0.4352, 0.4831, 1.3392

Previews

White Background



This preview shows how the XYZ color 37.5797, 37.5125, 28.9269 looks on a white background.

Color Contrast Check

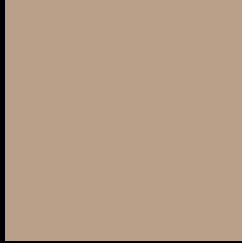
Large Text (above 18pt) WCAG AA × Fail

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 37.5797, 37.5125, 28.9269 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 37.5797, 37.5125, 28.9269

Background



This preview shows how black text looks on a background with the XYZ color 37.5797, 37.5125, 28.9269.



This preview shows how white text looks on a background with the XYZ color 37.5797, 37.5125,

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

37.5797, 37.5125, 28.9269

Protanopia

35.5709, 37.7730, 29.8422

Deuteranopia

38.3994, 37.6788, 28.9158



Tritanopia

40.4422, 37.6805, 42.1873

Trichromacy



Original Color

37.5797, 37.5125, 28.9269

Protanomaly

36.2750, 37.6131, 29.3929

Deuteranomaly

38.1487, 37.5496, 28.9040

Tritanomaly

39.3780, 37.4954, 37.0602

Monochromacy



Original Color

37.5797, 37.5125, 28.9269

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.2472, 37.4452, 36.3276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5797, 37.5125, 28.9269 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(187, 160, 137)` looks like.

```
.text, #text, p{  
    color:rgb(187, 160, 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(187, 160, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 160, 137) }
```

Border

The CSS property to change the border of an element to XYZ 37.5797, 37.5125, 28.9269 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(187, 160, 137) }
```


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

```
.border{ border-color:rgb(187, 160, 137) }
```

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

Here you see how a box with a 4 pixel rgb(187, 160, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 160, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 160, 137);  
box-shadow:4px 4px 4px 4px rgb(187, 160,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5797, 37.5125, 28.9269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 160, 137) }
```

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

```
.background{ background-color: rgb(187,  
160, 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](#).

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