

Converting Colors

XYZ(36.8656, 36.1710, 29.3748)

Have a look what the booklet for
XYZ(36.8656, 36.1710, 29.3748)
contains.

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Color

**XYZ(36.7984, 36.0801,
29.4508)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9C8B
RGB	186, 156, 139
RGB Percent	73%, 61%, 55%
CMY	0.2706, 0.3882, 0.4549
CMYK	0.00, 0.16, 0.25, 0.27
HSL	22°, 25%, 64%
HSV	22°, 25%, 73%
XYZ	36.7984, 36.0801, 29.4508
YIQ	163.0320, 23.3370, 1.0730

Conversions

Conversions Part 2

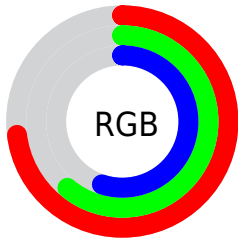
Format	Color
R_{YB}	186, 166, 139
Decimal	12229771
CIE Lab	66.58, 8.47, 13.04
CIE LCh	67, 15.545, 57.006
Yxy	36.0801, 0.3596, 0.3526
Android (android.graphics.Color)	4290419851 (0xFFBA9C8B)
YUV	163.0320, -11.8478, 20.1429
Hunter-Lab	60.0667, 4.2369, 12.9767

Details

The XYZ color **36.7984, 36.0801, 29.4508** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.6981, 37.4092, 51.8993**, and the grayscale version is **34.8751, 36.6913, 39.9569**.

A 20% lighter version of the original color is **69.6344, 68.9981, 60.0999**, and **16.3705, 15.7300, 11.6246** is the 20% darker color. If you saturate the color by 10%, you get **33.6579, 31.7920, 22.2598**, and if you desaturate by 10%, it is **40.3668, 40.8534, 37.9261**.

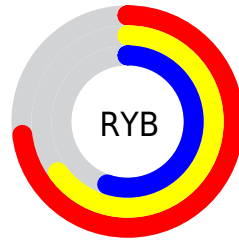
Distribution



Red (73%)

Green (61%)

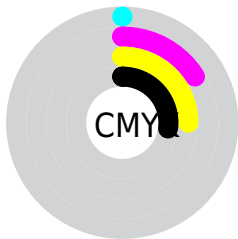
Blue (55%)



Red (73%)

Yellow (65%)

Blue (55%)

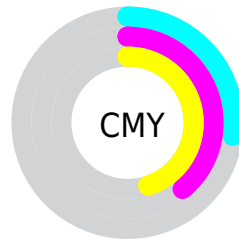


Cyan (0%)

Magenta (16%)

Yellow (25%)

Black (27%)



Cyan (27%)


Magenta (39%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7984, 36.0801, 29.4508 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 36.7984, 36.0801, 29.4508 by changing the saturation by 10% instead.


 36.7984, 36.0801,
29.4508


 36.7984, 36.0801,
29.4508


323.8076,
329.3105, 313.4633


 25.2244, 24.4961,
19.1736


 69.5785, 69.1557,
59.8433

 16.3739, 15.7020,
11.6177


 91.5152, 91.4160,
80.7956

 9.8817, 9.3135,
6.3646


 117.6370,
118.0039, 106.1434

 5.3822, 4.9463,
2.9957

148.3090,
149.3037, 136.3052

 2.5103, 2.2158,
1.0924

183.8968,
185.6999, 171.6996

 0.9004, 0.7286,
0.0000

224.7655,

 0.0000, 0.0000,

227.5769, 212.7450

0.0000

271.2807,
275.3189, 259.8601

■ 36.7984, 36.0801,
29.4508

■ 36.7984, 36.0801,
29.4508

■ 33.6579, 31.7920,
22.2598

■ 40.3668, 40.8534,
37.9261

■ 30.9252, 27.9684,
16.2873

■ 44.3764, 46.1220,
47.7424

■ 28.5826, 24.5941,
11.4651

■ 48.8435, 51.9018,
58.9559

■ 26.6101, 21.6515,
7.7173

■ 53.7826, 58.2067,
71.6187

■ 24.9854, 19.1212,
4.9588

■ 59.2076, 65.0496,
85.7804

■ 23.6834, 16.9824,
3.0911

■ 65.1318, 72.4434,
101.4881

■ 22.6745, 15.2114,
1.9937

■ 69.1960, 79.4516,
106.2964

■ 22.2743, 14.4881,
1.6225

■ 72.7884, 86.6363,
107.4939

■ 74.0598, 89.1792,
107.9177

Harmonies

Analogous

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



38.4539, 36.0801, 33.7270



36.7984, 36.0801, 29.4508



34.5283, 36.0801, 27.7852

Triad

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



36.7984, 36.0801, 29.4508



29.9990, 36.0801, 38.6168



36.3740, 36.0801, 51.9011

Complementary

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



36.7984, 36.0801, 29.4508



33.6981, 37.4092, 51.8993

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.



34.0589, 36.0801, 53.5872



36.7984, 36.0801, 29.4508



30.4437, 36.0801, 45.4225

Square

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



36.7984, 36.0801, 29.4508



30.6610, 36.0801, 32.6863



31.9041, 36.0801, 51.0960



38.2012, 36.0801, 46.7171

Rectangle

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



36.7984, 36.0801, 29.4508



32.9957, 36.0801, 28.2201



31.9041, 36.0801, 51.0960



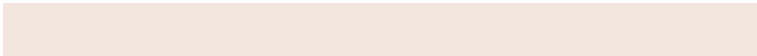
35.6240, 36.0801, 52.9196

Sweetspot

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



36.7994, 36.0818, 29.4515



78.2694, 80.7698, 81.1851



36.6959, 31.7901, 42.0098



16.9899, 17.4639, 17.2730



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.



36.7994, 36.0818, 29.4515



63.6293, 61.2277, 46.2843



41.0203, 44.5237, 30.8585



9.2635, 9.5299, 9.4581



15.0509, 9.8781, 1.1134



0.5904, 0.4679, 0.0592

Inverse Universe

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



33.6981, 37.4092, 51.8993



57.0955, 64.0147, 93.5482



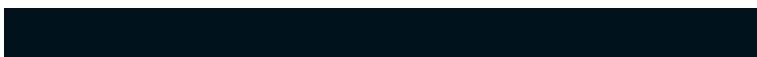
29.7974, 29.6078, 50.5991



8.9860, 9.6493, 11.4683



10.4507, 11.3611, 32.8952



0.4249, 0.5135, 1.1785

Previews

White Background



This preview shows how the XYZ color 36.7984, 36.0801, 29.4508 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 36.7984, 36.0801, 29.4508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

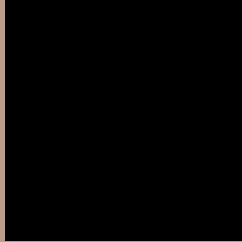
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7984, 36.0801, 29.4508

Background



This preview shows how black text looks on a background with the XYZ color 36.7984, 36.0801, 29.4508.



This preview shows how white text looks on a background with the XYZ color 36.7984, 36.0801,

29.4508.

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

36.7984, 36.0801, 29.4508

Protanopia

34.3804, 36.3397, 30.7934

Deuteranopia

36.7984, 36.0801, 29.4508



Tritanopia

38.9153, 35.9556, 40.0110

Trichromacy



Original Color

36.7984, 36.0801, 29.4508

Protanomaly

35.2830, 36.2948, 30.3453

Deuteranomaly

36.7984, 36.0801, 29.4508

Tritanomaly

38.0467, 35.8404, 35.9230

Monochromacy



Original Color

36.7984, 36.0801, 29.4508

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.1981, 36.1326, 35.6910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7984, 36.0801, 29.4508 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(186, 156, 139)` looks like.

```
.text, #text, p{  
    color:rgb(186, 156, 139)  
}
```

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(186, 156, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 156, 139) }
```

Border

The CSS property to change the border of an element to XYZ 36.7984, 36.0801, 29.4508 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(186, 156, 139) }
```


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

```
.border{ border-color:rgb(186, 156, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 156, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 156, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 156, 139);  
box-shadow:4px 4px 4px 4px rgb(186, 156,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7984, 36.0801, 29.4508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 156, 139) }
```

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

```
.background{ background-color: rgb(186,  
156, 139) }
```

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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