

Converting Colors

XYZ(41.1999, 41.8750, 37.8103)

Have a look what the booklet for
XYZ(41.1999, 41.8750, 37.8103)
contains.

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Color

**XYZ(41.1996, 41.8751,
37.8095)**

Conversions

Conversions Part 1

Format	Color
Hex	BCAA9D
RGB	188, 170, 157
RGB Percent	74%, 67%, 62%
CMY	0.2627, 0.3333, 0.3843
CMYK	0.00, 0.10, 0.16, 0.26
HSL	25°, 19%, 68%
HSV	25°, 16%, 74%
XYZ	41.1996, 41.8751, 37.8095
YIQ	173.9000, 14.9010, -0.2270

Conversions

Conversions Part 2

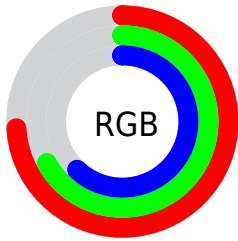
Format	Color
RYB	188, 179, 157
Decimal	12364445
CIELab	70.78, 4.33, 9.05
CIELCh	71, 10.036, 64.433
Yxy	41.8751, 0.3408, 0.3464
Android (android.graphics.Color)	4290554525 (0xFFBCAA9D)
YUV	173.9000, -8.3317, 12.3657
Hunter-Lab	64.7110, 0.4016, 10.6556

Details

The XYZ color **41.1996, 41.8751, 37.8095** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.3116, 41.4581, 53.5605**, and the grayscale version is **40.2178, 42.3122, 46.0780**.

A 20% lighter version of the original color is **76.1171, 77.8370, 73.2996**, and **18.9115, 19.0658, 16.3190** is the 20% darker color. If you saturate the color by 10%, you get **37.7550, 37.3596, 29.3424**, and if you desaturate by 10%, it is **45.0634, 46.8329, 47.6358**.

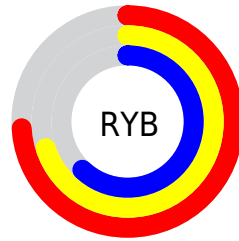
Distribution



Red (74%)

Green (67%)

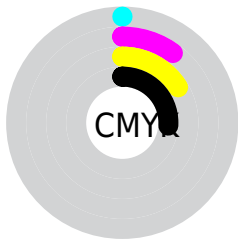
Blue (62%)



Red (74%)

Yellow (70%)

Blue (62%)

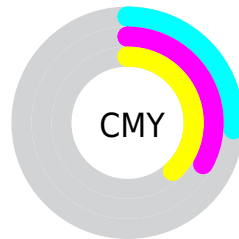


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1996, 41.8751, 37.8095 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 41.1996, 41.8751, 37.8095 by changing the saturation by 10% instead.

■ 41.1996, 41.8751,
37.8095

■ 41.1996, 41.8751,
37.8095

342.2025,
353.9649, 352.0757

■ 28.6634, 29.0035,
25.5342

■ 76.2596, 78.0106,
73.0162

■ 18.9694, 19.0835,
16.2529

■ 99.5141, 102.0432,
96.7847

■ 11.7520, 11.7306,
9.5470

127.0722,
130.5650, 125.2214

■ 6.6460, 6.5605,
4.9980

159.2991,
163.9603, 158.7447

■ 3.2861, 3.1888,
2.1874

196.5602,
202.6136, 197.7733

■ 1.3068, 1.2311,
0.6671

239.2209,

■ 0.1883, 0.0869,

246.9092, 242.7256

0.0000

287.6466,
297.2315, 294.0202

■ 0.0000, 0.0000,
0.0000

■ 41.1996, 41.8751,
37.8095

■ 41.1996, 41.8751,
37.8095

■ 37.7550, 37.3596,
29.3424

■ 45.0634, 46.8329,
47.6358

■ 34.7107, 33.2682,
22.1713

■ 49.3575, 52.2395,
58.8756

■ 32.0517, 29.5892,
16.2316

■ 54.0968, 58.1084,
71.5832

■ 29.7601, 26.3085,
11.4525

■ 59.2943, 64.4509,
85.8093

■ 27.8168, 23.4110,
7.7554

■ 64.9626, 71.2776,
101.6022

■ 26.2005, 20.8804,
5.0521

■ 68.6379, 77.6087,
105.9701

■ 24.8868, 18.6988,
3.2401

■ 71.8679, 84.0688,
107.0468

■ 23.8451, 16.8453,
2.1842

■ 74.5493, 89.4315,
107.9406

■ 23.5251, 16.2632,
1.8992

Harmonies

Analogous

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



42.5021, 41.8751, 40.6016



41.1996, 41.8751, 37.8095



39.5540, 41.8751, 37.0460

Triad

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



41.1996, 41.8751, 37.8095



36.6919, 41.8751, 46.3076



41.6400, 41.8751, 53.5881

Complementary

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



41.1996, 41.8751, 37.8095



38.3116, 41.4581, 53.5605

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.



40.0491, 41.8751, 55.3671



41.1996, 41.8751, 37.8095



37.2169, 41.8751, 50.9816

Square

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



41.1996, 41.8751, 37.8095



36.9807, 41.8751, 41.7490



38.4345, 41.8751, 54.3817



42.7613, 41.8751, 49.6700

Rectangle

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



41.1996, 41.8751, 37.8095



38.4907, 41.8751, 37.7418



38.4345, 41.8751, 54.3817



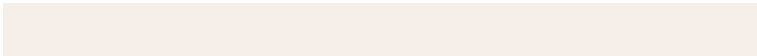
41.1408, 41.8751, 54.4681

Sweetspot

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



41.2007, 41.8770, 37.8104



82.7172, 86.2058, 89.0414



40.5426, 37.9043, 45.7803



17.6751, 18.3950, 18.8556



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.



41.2007, 41.8770, 37.8104



72.1846, 72.6599, 62.3493



44.2616, 47.9988, 38.8307



9.8502, 10.1763, 10.0217



16.0870, 11.2128, 1.3164



0.6949, 0.5688, 0.0732

Inverse Universe

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



38.3116, 41.4581, 53.5605



65.9007, 71.7475, 96.6015



35.4810, 35.7969, 52.6169



9.4641, 10.1205, 12.1268



9.9885, 10.0888, 33.8138



0.4546, 0.5218, 1.3456

Previews

White Background



This preview shows how the XYZ color 41.1996, 41.8751, 37.8095 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 41.1996, 41.8751, 37.8095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

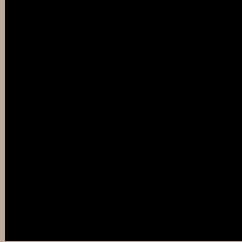
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1996, 41.8751, 37.8095

Background



This preview shows how black text looks on a background with the XYZ color 41.1996, 41.8751, 37.8095.



This preview shows how white text looks on a background with the XYZ color 41.1996, 41.8751,

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

41.1996, 41.8751, 37.8095

Protanopia

39.9375, 42.0591, 38.3610

Deuteranopia

42.7552, 41.8418, 38.1706



Tritanopia

43.5428, 42.0091, 48.9936

Trichromacy



Original Color

41.1996, 41.8751, 37.8095

Protanomaly

40.4525, 42.0409, 38.3304

Deuteranomaly

42.1665, 41.8113, 38.1957

Tritanomaly

42.6842, 41.9310, 44.8735

Monochromacy



Original Color

41.1996, 41.8751, 37.8095

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.6019, 42.2980, 43.0702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1996, 41.8751, 37.8095 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(188, 170, 157)` looks like.

```
.text, #text, p{  
    color:rgb(188, 170, 157)  
}
```

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(188, 170, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 170, 157) }
```

Border

The CSS property to change the border of an element to XYZ 41.1996, 41.8751, 37.8095 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(188, 170, 157) }
```


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

```
.border{ border-color:rgb(188, 170, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 170, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 170, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 170, 157);  
box-shadow:4px 4px 4px 4px rgb(188, 170,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1996, 41.8751, 37.8095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 170, 157) }
```

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

```
.background{ background-color: rgb(188,  
170, 157) }
```

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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