

Converting Colors

XYZ(37.6895, 37.8603, 34.7714)

Have a look what the booklet for
XYZ(37.6895, 37.8603, 34.7714)
contains.

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Color

**XYZ(37.7976, 38.0201,
34.6246)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A297
RGB	182, 162, 151
RGB Percent	71%, 64%, 59%
CMY	0.2863, 0.3647, 0.4078
CMYK	0.00, 0.11, 0.17, 0.29
HSL	21°, 18%, 65%
HSV	21°, 17%, 71%
XYZ	37.7976, 38.0201, 34.6246
YIQ	166.7260, 15.4510, 0.8190

Conversions

Conversions Part 2

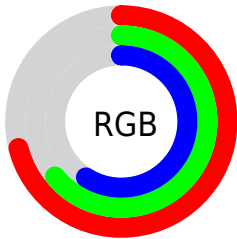
Format	Color
RYB	182, 168, 151
Decimal	11969175
CIELab	68.04, 5.47, 8.38
CIELCh	68, 10.002, 56.876
Yxy	38.0201, 0.3422, 0.3443
Android (android.graphics.Color)	4290159255 (0xFFB6A297)
YUV	166.7260, -7.7529, 13.3953
Hunter-Lab	61.6604, 1.5140, 9.8688

Details

The XYZ color **37.7976, 38.0201, 34.6246** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7686, 39.0815, 49.9144**, and the grayscale version is **36.6294, 38.5369, 41.9667**.

A 20% lighter version of the original color is **71.0922, 72.2106, 67.9487**, and **16.9294, 16.7391, 14.3953** is the 20% darker color. If you saturate the color by 10%, you get **34.4600, 33.5304, 26.7741**, and if you desaturate by 10%, it is **41.5585, 42.9907, 43.7429**.

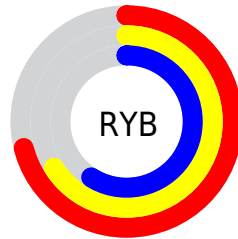
Distribution



Red (71%)

Green (64%)

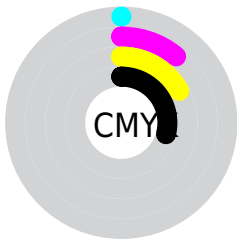
Blue (59%)



Red (71%)

Yellow (66%)

Blue (59%)

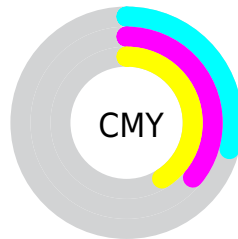


Cyan (0%)

Magenta (11%)

Yellow (17%)

Black (29%)



Cyan (29%)

Magenta (36%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7976, 38.0201, 34.6246 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 37.7976, 38.0201, 34.6246 by changing the saturation by 10% instead.


 37.7976, 38.0201,
34.6246


 37.7976, 38.0201,
34.6246


328.0468,
337.7062, 337.7620

 26.0021, 25.9983,
23.0926


 71.1037, 72.1389,
68.0488

 16.9579, 16.8224,
14.4560


 93.3451, 95.0048,
90.7780

 10.2996, 10.1079,
8.2961


119.7991,
122.2541, 118.0768

 5.6618, 5.4706,
4.1945

150.8312,
154.2712, 150.3636

 2.6793, 2.5259,
1.7327

186.8066,
191.4406, 188.0570

 0.9865, 0.8896,
0.3830

228.0908,

 0.0000, 0.0000,

234.1466, 231.5755

0.0000

275.0491,
282.7737, 281.3376

■ 37.7976, 38.0201,
34.6246

■ 37.7976, 38.0201,
34.6246

■ 34.4600, 33.5304,
26.7741

■ 41.5585, 42.9907,
43.7429

■ 31.5271, 29.5017,
20.1323

■ 45.7546, 48.4510,
54.1797

■ 28.9830, 25.9204,
14.6390

■ 50.4008, 54.4163,
65.9859

■ 26.8098, 22.7699,
10.2276

■ 55.5107, 60.8993,
79.2088

■ 24.9878, 20.0328,
6.8248

■ 61.0970, 67.9125,
93.8937

■ 23.4955, 17.6901,
4.3481

■ 66.3231, 75.1283,
105.6134

■ 22.3082, 15.7213,
2.7013

■ 69.7473, 81.9768,
106.7548

■ 21.3934, 14.1016,
1.7494

■ 73.1015, 88.6851,
107.8728

■ 21.1590, 13.6802,
1.5253

Harmonies

Analogous

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



38.8735, 38.0201, 37.6416



37.7976, 38.0201, 34.6246



36.3004, 38.0201, 33.4135

Triad

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



37.7976, 38.0201, 34.6246



33.2296, 38.0201, 40.9319



37.5072, 38.0201, 49.5252

Complementary

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



37.7976, 38.0201, 34.6246



35.7686, 39.0815, 49.9144

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.



35.9741, 38.0201, 50.5615



37.7976, 38.0201, 34.6246



33.5320, 38.0201, 45.3952

Square

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



37.7976, 38.0201, 34.6246



33.6875, 38.0201, 36.8870



34.5257, 38.0201, 49.0004



38.7024, 38.0201, 46.2613

Rectangle

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



37.7976, 38.0201, 34.6246



35.2749, 38.0201, 33.7234



34.5257, 38.0201, 49.0004



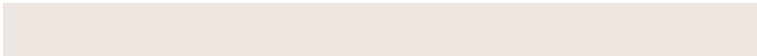
37.0129, 38.0201, 50.1553

Sweetspot

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



37.7986, 38.0218, 34.6254



76.7640, 79.7991, 82.8004



37.7233, 35.0247, 43.3756



16.8413, 17.4767, 18.0080



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



37.7986, 38.0218, 34.6254



66.4442, 66.1465, 57.8205



40.6690, 43.7624, 35.5822



9.2585, 9.5199, 9.4565



14.9997, 9.7758, 1.0963



0.5883, 0.4637, 0.0585

Inverse Universe

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



35.7686, 39.0815, 49.9144



62.1491, 68.3859, 90.1599



33.0362, 33.6168, 49.0037



8.9912, 9.6597, 11.4700



10.5522, 11.5641, 32.9290



0.4280, 0.5197, 1.1795

Previews

White Background



This preview shows how the XYZ color 37.7976, 38.0201, 34.6246 looks on a white background.

Color Contrast Check

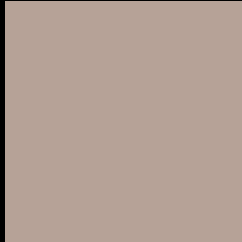
Large Text (above 18pt) WCAG AA × Fail

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 37.7976, 38.0201, 34.6246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

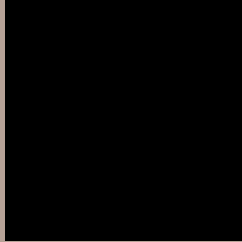
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7976, 38.0201, 34.6246

Background



This preview shows how black text looks on a background with the XYZ color 37.7976, 38.0201, 34.6246.



This preview shows how white text looks on a background with the XYZ color 37.7976, 38.0201,

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

37.7976, 38.0201, 34.6246

Protanopia

36.2182, 37.9808, 35.5591

Deuteranopia

38.6502, 37.9408, 34.5644



Tritanopia

39.7564, 38.0508, 43.7772

Trichromacy



Original Color

37.7976, 38.0201, 34.6246

Protanomaly

36.8475, 38.0480, 35.1077

Deuteranomaly

38.3384, 38.0384, 34.5997

Tritanomaly

39.0388, 38.0123, 40.4015

Monochromacy



Original Color

37.7976, 38.0201, 34.6246

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.9014, 38.2541, 39.1571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7976, 38.0201, 34.6246 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(182, 162, 151)` looks like.

```
.text, #text, p{  
    color:rgb(182, 162, 151)  
}
```

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(182, 162, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 162, 151) }
```

Border

The CSS property to change the border of an element to XYZ 37.7976, 38.0201, 34.6246 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(182, 162, 151) }
```


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

```
.border{ border-color:rgb(182, 162, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 162, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 162, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 162, 151);  
box-shadow:4px 4px 4px 4px rgb(182, 162,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7976, 38.0201, 34.6246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 162, 151) }
```

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

```
.background{ background-color: rgb(182,  
162, 151) }
```

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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