

Converting Colors

XYZ(37.5506, 36.6411, 31.8888)

Have a look what the booklet for
XYZ(37.5506, 36.6411, 31.8888)
contains.

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Color

**XYZ(37.6613, 36.7231,
31.8914)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9D91
RGB	187, 157, 145
RGB Percent	73%, 62%, 57%
CMY	0.2667, 0.3843, 0.4314
CMYK	0.00, 0.16, 0.22, 0.27
HSL	17°, 24%, 65%
HSV	17°, 22%, 73%
XYZ	37.6613, 36.7231, 31.8914
YIQ	164.6020, 21.7320, 2.6280

Conversions

Conversions Part 2

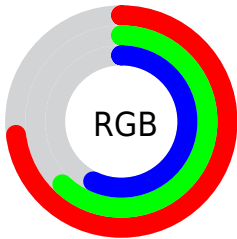
Format	Color
RYB	187, 162, 145
Decimal	12295569
CIELab	67.07, 9.19, 10.40
CIELCh	67, 13.879, 48.537
Yxy	36.7231, 0.3544, 0.3455
Android (android.graphics.Color)	4290485649 (0xFFBB9D91)
YUV	164.6020, -9.6638, 19.6430
Hunter-Lab	60.5996, 4.8845, 11.2175

Details

The XYZ color **37.6613, 36.7231, 31.8914** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.9763, 40.2664, 52.8898**, and the grayscale version is **35.6119, 37.4665, 40.8011**.

A 20% lighter version of the original color is **71.1605, 70.4436, 63.8792**, and **16.8925, 16.1208, 13.0478** is the 20% darker color. If you saturate the color by 10%, you get **34.1992, 31.9194, 24.1993**, and if you desaturate by 10%, it is **41.6098, 42.1191, 40.9174**.

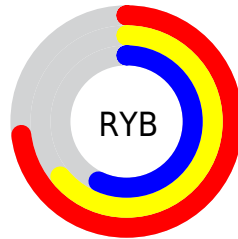
Distribution



Red (73%)

Green (62%)

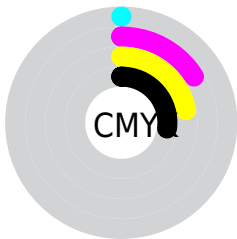
Blue (57%)



Red (73%)

Yellow (64%)

Blue (57%)

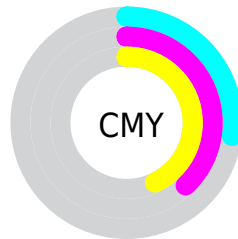


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6613, 36.7231, 31.8914 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 37.6613, 36.7231, 31.8914 by changing the saturation by 10% instead.


 37.6613, 36.7231,
31.8914


 37.6613, 36.7231,
31.8914


327.4708,
332.1101, 325.1017

 25.8959, 24.9932,
21.0144


 70.8960, 70.1467,
63.7367

 16.8781, 16.0720,
12.9432

 93.0960, 92.6092,
85.5422

 10.2424, 9.5751,
7.2592


119.5049,
119.4179, 111.8275

 5.6234, 5.1182,
3.5438

150.4881,
150.9574, 143.0113

 2.6560, 2.3168,
1.3786

186.4109,
187.6120, 179.5121

 0.9746, 0.7826,
0.1249

227.6388,

 0.0000, 0.0000,

229.7660, 221.7484

0.0000

274.5369,
277.8039, 270.1387

■ 37.6613, 36.7231,
31.8914

■ 37.6613, 36.7231,
31.8914

■ 34.1992, 31.9194,
24.1993

■ 41.6098, 42.1191,
40.9174

■ 31.2009, 27.6826,
17.7752

■ 46.0601, 48.1218,
51.3346

■ 28.6467, 23.9927,
12.5507

■ 51.0305, 54.7515,
63.1994

■ 26.5139, 20.8265,
8.4502

■ 56.5376, 62.0257,
76.5646

■ 24.7776, 18.1591,
5.3893

■ 62.5971, 69.9616,
91.4804

■ 23.4102, 15.9634,
3.2717

■ 68.8676, 78.4328,
106.1171

■ 22.3798, 14.2093,
1.9822

■ 72.8825, 86.4628,
107.4554

■ 21.7871, 13.1519,
1.3903

■ 74.3036, 89.3048,
107.9291

Harmonies

Analogous

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



38.8957, 36.7231, 36.4023



37.6613, 36.7231, 31.8914



35.7171, 36.7231, 29.6405

Triad

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



37.6613, 36.7231, 31.8914



31.0755, 36.7231, 37.7193



36.2106, 36.7231, 52.0501

Complementary

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



37.6613, 36.7231, 31.8914



35.9763, 40.2664, 52.8898

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.



34.1038, 36.7231, 52.4939



37.6613, 36.7231, 31.8914



31.1956, 36.7231, 43.7958

Square

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



37.6613, 36.7231, 31.8914



31.9500, 36.7231, 32.7716



32.2851, 36.7231, 49.3442



38.0351, 36.7231, 48.1865

Rectangle

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



37.6613, 36.7231, 31.8914



34.3051, 36.7231, 29.5561



32.2851, 36.7231, 49.3442



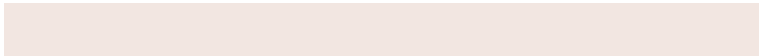
35.5102, 36.7231, 52.6176

Sweetspot

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



37.6623, 36.7248, 31.8922



78.6699, 81.0448, 82.9404



38.3669, 33.9151, 45.1333



17.2186, 17.7047, 18.0172



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.



37.6623, 36.7248, 31.8922



64.2594, 61.3606, 49.9696



41.5051, 44.4104, 33.1731



9.7463, 9.9686, 9.9871



15.0657, 9.1702, 0.9760



0.6480, 0.4750, 0.0575

Inverse Universe

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



35.9763, 40.2664, 52.8898



60.6967, 68.8275, 94.2874



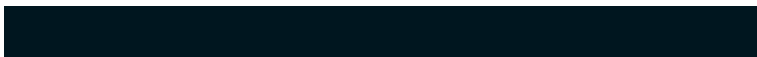
32.2192, 32.7523, 51.6375



9.5719, 10.3361, 12.1628



12.0757, 14.2632, 34.5095



0.5262, 0.6651, 1.3695

Previews

White Background



This preview shows how the XYZ color 37.6613, 36.7231, 31.8914 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 37.6613, 36.7231, 31.8914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

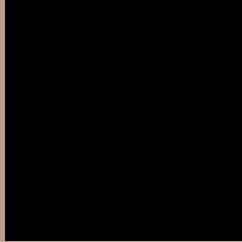
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6613, 36.7231, 31.8914

Background



This preview shows how black text looks on a background with the XYZ color 37.6613, 36.7231, 31.8914.



This preview shows how white text looks on a background with the XYZ color 37.6613, 36.7231,

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

37.6613, 36.7231, 31.8914

Protanopia

35.0201, 36.8786, 33.2895

Deuteranopia

37.4175, 36.5974, 31.8799



Tritanopia

39.4248, 36.6832, 41.0790

Trichromacy



Original Color

37.6613, 36.7231, 31.8914

Protanomaly

35.9158, 36.8264, 32.8190

Deuteranomaly

37.4175, 36.5974, 31.8799

Tritanomaly

38.6319, 36.6027, 37.3767

Monochromacy



Original Color

37.6613, 36.7231, 31.8914

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.3255, 37.1935, 37.6123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6613, 36.7231, 31.8914 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, 157, 145)` looks like.

```
.text, #text, p{  
    color:rgb(187, 157, 145)  
}
```

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, 157, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 157, 145) }
```

Border

The CSS property to change the border of an element to XYZ 37.6613, 36.7231, 31.8914 is called "border". The border property can be set on classes, ids or directly on the HTML element.

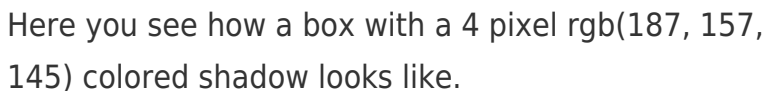
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 157, 145) }
```


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

```
.border{ border-color:rgb(187, 157, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 157, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 157, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 157, 145); box-shadow:4px 4px 4px 4px rgb(187, 157, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6613, 36.7231, 31.8914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 157, 145) }
```

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

```
.background{ background-color: rgb(187,  
157, 145) }
```

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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