

Converting Colors

XYZ(37.9984, 41.8078, 34.1752)

Have a look what the booklet for
XYZ(37.9984, 41.8078, 34.1752)
contains.

XYZ(37.9088, 41.6823, 34.0645)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.9088, 41.6823,
34.0645)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAF94
RGB	173, 175, 148
RGB Percent	68%, 69%, 58%
CMY	0.3216, 0.3137, 0.4196
CMYK	0.01, 0.00, 0.15, 0.31
HSL	64°, 14%, 63%
HSV	64°, 15%, 69%
XYZ	37.9088, 41.6823, 34.0645
YIQ	171.3240, 7.4750, -8.8210

Conversions

Conversions Part 2

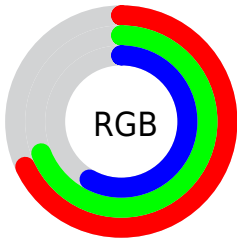
Format	Color
RYB	148, 175, 150
Decimal	11382676
CIELab	70.65, -5.45, 13.63
CIELCh	71, 14.676, 111.797
Yxy	41.6823, 0.3335, 0.3667
Android (android.graphics.Color)	4289572756 (0xFFADAF94)
YUV	171.3240, -11.4987, 1.4699
Hunter-Lab	64.5618, -8.1733, 13.9103

Details

The XYZ color **37.9088, 41.6823, 34.0645** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.9072, 30.7602, 44.8681**, and the grayscale version is **38.9259, 40.9531, 44.5979**.

A 20% lighter version of the original color is **71.2706, 77.5159, 67.0828**, and **17.1258, 19.0939, 14.0921** is the 20% darker color. If you saturate the color by 10%, you get **36.3416, 41.0238, 27.2988**, and if you desaturate by 10%, it is **39.6905, 42.4297, 41.9352**.

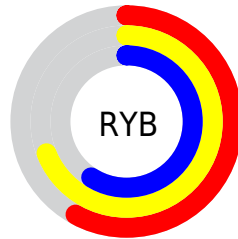
Distribution



Red (68%)

Green (69%)

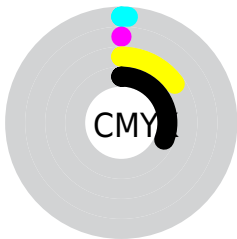
Blue (58%)



Red (58%)

Yellow (69%)

Blue (59%)

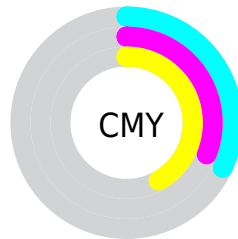


Cyan (1%)

Magenta (0%)

Yellow (15%)

Black (31%)



Cyan (32%)

Magenta (31%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9088, 41.6823, 34.0645 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 37.9088, 41.6823, 34.0645 by changing the saturation by 10% instead.

■ 37.9088, 41.6823,
34.0645

■ 37.9088, 41.6823,
34.0645

328.5162,
353.1643, 335.1975

■ 26.0888, 28.8526,
22.6654

■ 71.2731, 77.7186,
67.1690

■ 17.0231, 18.9693,
14.1437

■ 93.5482, 101.6939,
89.7115

■ 10.3464, 11.6481,
8.0808

120.0390,
130.1533, 116.8055

■ 5.6932, 6.5046,
4.0582

151.1108,
163.4811, 148.8696

■ 2.6983, 3.1542,
1.6573

187.1291,
202.0617, 186.3223

■ 0.9963, 1.2128,
0.3312

228.4592,

■ 0.0000, 0.0721,

246.2795, 229.5821

0.0000

275.4665,
296.5189, 279.0677

■ 0.0000, 0.0000,
0.0000

■ 37.9088, 41.6823,
34.0645

■ 37.9088, 41.6823,
34.0645

■ 36.3416, 41.0238,
27.2988

■ 39.6905, 42.4297,
41.9352

■ 34.9762, 40.4449,
21.5862

■ 41.6921, 43.2640,
50.9545

■ 33.8036, 39.9435,
16.8743

■ 43.9231, 44.1904,
61.1668

■ 32.8129, 39.5152,
13.1054

■ 46.3913, 45.2120,
72.6137

■ 31.9918, 39.1550,
10.2160

■ 49.1042, 46.3318,
85.3343

■ 31.3270, 38.8576,
8.1346

■ 52.0689, 47.5527,
99.3663

■ 30.8026, 38.6168,
6.7785

■ 52.6941, 47.8381,
101.0641

■ 30.3990, 38.4245,
6.0442

■ 53.0026, 47.9971,
101.0786

■ 30.2343, 38.3447,
5.8078

■ 53.3138, 48.1575,
101.0931

Harmonies

Analogous

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



40.2878, 41.6823, 33.3922



37.9088, 41.6823, 34.0645



36.0600, 41.6823, 37.6056

Triad

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



37.9088, 41.6823, 34.0645



36.7992, 41.6823, 56.7276



44.4223, 41.6823, 47.3201

Complementary

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



37.9088, 41.6823, 34.0645



30.9072, 30.7602, 44.8681

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.



43.4022, 41.6823, 54.1693



37.9088, 41.6823, 34.0645



38.9552, 41.6823, 59.9520

Square

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



37.9088, 41.6823, 34.0645



35.4378, 41.6823, 50.5348



41.3774, 41.6823, 58.9708



44.1142, 41.6823, 40.5974

Rectangle

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



37.9088, 41.6823, 34.0645



35.3449, 41.6823, 41.3338



41.3774, 41.6823, 58.9708



44.2219, 41.6823, 49.6925

Sweetspot

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



37.9099, 41.6841, 34.0654



71.1966, 76.0343, 75.6203



33.9004, 33.0021, 32.6009



15.7724, 16.8778, 16.5762



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



37.9099, 41.6841, 34.0654



66.7522, 74.1717, 56.0521



35.1141, 40.2429, 33.9346



8.6031, 9.2995, 8.5549



21.6731, 27.4700, 4.1599



0.6199, 0.7729, 0.1165

Inverse Universe

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



30.9072, 30.7602, 44.8681



51.4642, 50.3221, 79.6375



33.4949, 32.0942, 44.9892



7.6319, 7.7846, 10.0530



5.6816, 2.2888, 29.1868



0.1755, 0.0727, 0.8128

Previews

White Background



This preview shows how the XYZ color 37.9088, 41.6823, 34.0645 looks on a white background.

Color Contrast Check

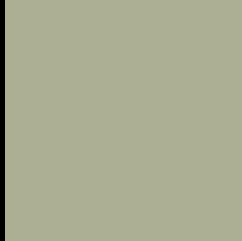
Large Text (above 18pt) WCAG AA × Fail

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 37.9088, 41.6823, 34.0645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

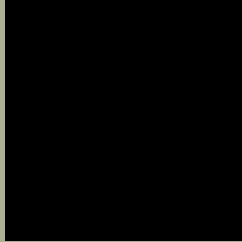
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9088, 41.6823, 34.0645

Background



This preview shows how black text looks on a background with the XYZ color 37.9088, 41.6823, 34.0645.



This preview shows how white text looks on a background with the XYZ color 37.9088, 41.6823,

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

37.9088, 41.6823, 34.0645

Protanopia

39.3104, 41.5567, 33.5531

Deuteranopia

42.4299, 41.4802, 34.6243



Tritanopia

41.2821, 41.6333, 50.6600

Trichromacy



Original Color

37.9088, 41.6823, 34.0645

Protanomaly

38.8004, 41.5774, 33.5840

Deuteranomaly

40.5990, 41.3647, 34.2782

Tritanomaly

39.9127, 41.6374, 43.9634

Monochromacy



Original Color

37.9088, 41.6823, 34.0645

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.3766, 40.9200, 40.5260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9088, 41.6823, 34.0645 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(173, 175, 148)` looks like.

```
.text, #text, p{  
    color:rgb(173, 175, 148)  
}
```

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(173, 175, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 175, 148) }
```

Border

The CSS property to change the border of an element to XYZ 37.9088, 41.6823, 34.0645 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(173, 175, 148) }
```


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

```
.border{ border-color:rgb(173, 175, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 175, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 175, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 175, 148);  
box-shadow:4px 4px 4px 4px rgb(173, 175,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9088, 41.6823, 34.0645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 175, 148) }
```

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

```
.background{ background-color: rgb(173,  
175, 148) }
```

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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