

Converting Colors

XYZ(34.2939, 37.7804, 29.9833)

Have a look what the booklet for
XYZ(34.2939, 37.7804, 29.9833)
contains.

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Color

**XYZ(34.2048, 37.6085,
29.8825)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A78B
RGB	166, 167, 139
RGB Percent	65%, 65%, 55%
CMY	0.3490, 0.3451, 0.4549
CMYK	0.01, 0.00, 0.17, 0.35
HSL	62°, 14%, 60%
HSV	62°, 17%, 65%
XYZ	34.2048, 37.6085, 29.8825
YIQ	163.5090, 8.3920, -8.9200

Conversions

Conversions Part 2

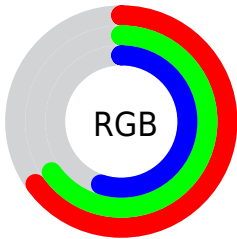
Format	Color
RYB	139, 167, 140
Decimal	10921867
CIELab	67.73, -5.26, 14.39
CIELCh	68, 15.324, 110.085
Yxy	37.6085, 0.3363, 0.3698
Android (android.graphics.Color)	4289111947 (0xFFA6A78B)
YUV	163.5090, -12.0829, 2.1846
Hunter-Lab	61.3258, -7.7607, 14.0375

Details

The XYZ color **34.2048, 37.6085, 29.8825** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.0244, 26.8317, 40.3160**, and the grayscale version is **35.1070, 36.9353, 40.2225**.

A 20% lighter version of the original color is **65.5657, 71.4650, 60.7905**, and **14.8733, 16.5601, 11.8637** is the 20% darker color. If you saturate the color by 10%, you get **32.9518, 37.0941, 23.9334**, and if you desaturate by 10%, it is **35.6468, 38.2011, 36.8151**.

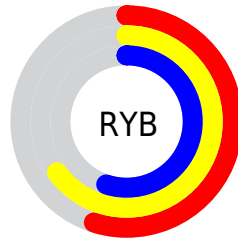
Distribution



Red (65%)

Green (65%)

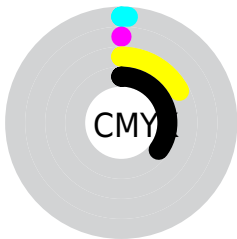
Blue (55%)



Red (55%)

Yellow (65%)

Blue (55%)

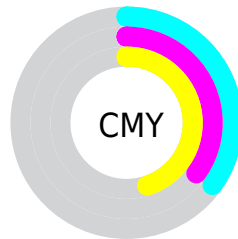


Cyan (1%)

Magenta (0%)

Yellow (17%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2048, 37.6085, 29.8825 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 34.2048, 37.6085, 29.8825 by changing the saturation by 10% instead.

■ 34.2048, 37.6085,
29.8825

■ 34.2048, 37.6085,
29.8825

312.6142,
335.9375, 315.5466

■ 23.2146, 25.6790,
19.4981

■ 65.5942, 71.5077,
60.5351

■ 14.8736, 16.5836,
11.8503

■ 86.7241, 94.2461,
81.6404

■ 8.8165, 9.9381,
6.5205

■ 111.9647,
121.3563, 107.1565

■ 4.6778, 5.3579,
3.0902

141.6812,
153.2227, 137.5018

■ 2.0923, 2.4588,
1.1409

176.2390,
190.2296, 173.0949

■ 0.6850, 0.8559,
0.0000

216.0036,

■ 0.0000, 0.0000,

232.7614, 214.3544

0.0000

261.3402,
281.2026, 261.6988

■ 34.2048, 37.6085,
29.8825

■ 34.2048, 37.6085,
29.8825

■ 32.9518, 37.0941,
23.9334

■ 35.6468, 38.2011,
36.8151

■ 31.8765, 36.6496,
18.9210

■ 37.2828, 38.8701,
44.7703

■ 30.9706, 36.2729,
14.7983

■ 39.1211, 39.6201,
53.7881

■ 30.2244, 35.9602,
11.5131

■ 41.1688, 40.4539,
63.9058

■ 29.6269, 35.7070,
9.0081

■ 43.4327, 41.3743,
75.1585

■ 29.1659, 35.5084,
7.2186

■ 45.9192, 42.3837,
87.5801

■ 28.8271, 35.3588,
6.0696

■ 48.4883, 43.4263,
100.4342

■ 28.5897, 35.2499,
5.4521

■ 48.6182, 43.4933,
100.4403

■ 28.5211, 35.2180,
5.2945

■ 48.7487, 43.5605,
100.4464

Harmonies

Analogous

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



36.5355, 37.6085, 29.4002



34.2048, 37.6085, 29.8825



32.3659, 37.6085, 33.1390

Triad

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



34.2048, 37.6085, 29.8825



32.9030, 37.6085, 51.7874



40.4212, 37.6085, 43.2359

Complementary

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



34.2048, 37.6085, 29.8825



27.0244, 26.8317, 40.3160

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.



39.3530, 37.6085, 49.8994



34.2048, 37.6085, 29.8825



34.9674, 37.6085, 55.1847

Square

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



34.2048, 37.6085, 29.8825



31.6377, 37.6085, 45.5926



37.3323, 37.6085, 54.4580



40.1949, 37.6085, 36.6324

Rectangle

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



34.2048, 37.6085, 29.8825



31.6334, 37.6085, 36.6661



37.3323, 37.6085, 54.4580



40.1999, 37.6085, 45.5537

Sweetspot

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



34.2058, 37.6102, 29.8833



64.3043, 68.6030, 68.1893



29.9661, 28.8172, 28.4095



14.3477, 15.3347, 15.0543



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.2058, 37.6102, 29.8833



60.4120, 67.0064, 49.4879



31.4417, 36.1852, 29.7539



8.1199, 8.7599, 8.0521



21.8326, 26.9523, 4.0516



0.5391, 0.6598, 0.0989

Inverse Universe

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



27.0244, 26.8317, 40.3160



45.1811, 44.1461, 71.6150



29.5226, 28.1196, 40.4329



7.1557, 7.3129, 9.4527



5.4037, 2.1692, 28.1094



0.1390, 0.0567, 0.6843

Previews

White Background



This preview shows how the XYZ color 34.2048, 37.6085, 29.8825 looks on a white background.

Color Contrast Check

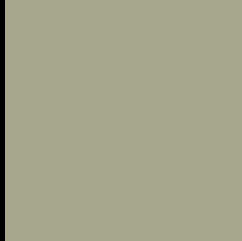
Large Text (above 18pt) WCAG AA × Fail

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 34.2048, 37.6085, 29.8825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

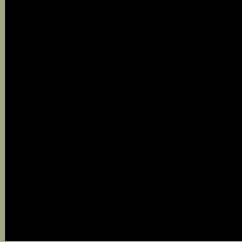
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2048, 37.6085, 29.8825

Background



This preview shows how black text looks on a background with the XYZ color 34.2048, 37.6085, 29.8825.



This preview shows how white text looks on a background with the XYZ color 34.2048, 37.6085,

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

34.2048, 37.6085, 29.8825

Protanopia

35.4981, 37.7439, 29.4591

Deuteranopia

38.1921, 37.5382, 30.4320



Tritanopia

37.4528, 37.5937, 45.8398

Trichromacy



Original Color

34.2048, 37.6085, 29.8825

Protanomaly

35.0182, 37.7653, 29.4885

Deuteranomaly

36.7100, 37.5579, 30.1255

Tritanomaly

36.1592, 37.5946, 39.5331

Monochromacy



Original Color

34.2048, 37.6085, 29.8825

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.8886, 37.2762, 36.3665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2048, 37.6085, 29.8825 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(166, 167, 139)` looks like.

```
.text, #text, p{  
    color:rgb(166, 167, 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(166, 167, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 167, 139) }
```

Border

The CSS property to change the border of an element to XYZ 34.2048, 37.6085, 29.8825 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(166, 167, 139) }
```


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

```
.border{ border-color:rgb(166, 167, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 167, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 167, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 167, 139); box-shadow:4px 4px 4px 4px rgb(166, 167, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2048, 37.6085, 29.8825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 167, 139) }
```

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

```
.background{ background-color: rgb(166,  
167, 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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