

Converting Colors

XYZ(34.4244, 37.7465, 29.5098)

Have a look what the booklet for
XYZ(34.4244, 37.7465, 29.5098)
contains.

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Color

**XYZ(34.3425, 37.6879,
29.5092)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A78A
RGB	167, 167, 138
RGB Percent	65%, 65%, 54%
CMY	0.3451, 0.3451, 0.4588
CMYK	0.00, 0.00, 0.17, 0.35
HSL	60°, 14%, 60%
HSV	60°, 17%, 65%
XYZ	34.3425, 37.6879, 29.5092
YIQ	163.6940, 9.3090, -9.0190

Conversions

Conversions Part 2

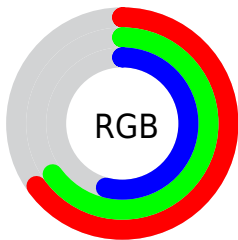
Format	Color
RYB	138, 167, 138
Decimal	10987402
CIELab	67.79, -5.04, 15.04
CIELCh	68, 15.859, 108.528
Yxy	37.6879, 0.3382, 0.3712
Android (android.graphics.Color)	4289177482 (0xFFA7A78A)
YUV	163.6940, -12.6671, 2.8994
Hunter-Lab	61.3905, -7.5785, 14.4738

Details

The XYZ color **34.3425, 37.6879, 29.5092** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.5462, 26.3713, 40.2523**, and the grayscale version is **35.1972, 37.0302, 40.3258**.

A 20% lighter version of the original color is **65.7599, 71.5779, 60.2192**, and **14.9624, 16.6109, 11.6501** is the 20% darker color. If you saturate the color by 10%, you get **33.2252, 37.2422, 23.6234**, and if you desaturate by 10%, it is **35.6478, 38.2113, 36.3759**.

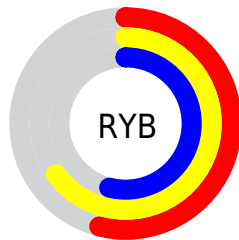
Distribution



Red (65%)

Green (65%)

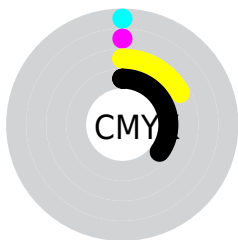
Blue (54%)



Red (54%)

Yellow (65%)

Blue (54%)

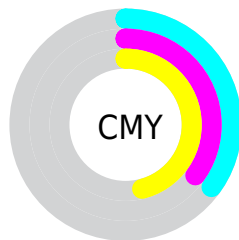


Cyan (0%)

Magenta (0%)

Yellow (17%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3425, 37.6879, 29.5092 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 34.3425, 37.6879, 29.5092 by changing the saturation by 10% instead.

■ 34.3425, 37.6879,
29.5092

■ 34.3425, 37.6879,
29.5092

313.2157,
336.2792, 313.7458

■ 23.3210, 25.7405,
19.2175

■ 65.8067, 71.6295,
59.9369

■ 14.9527, 16.6296,
11.6491

■ 86.9801, 94.3926,
80.9100

■ 8.8723, 9.9708,
6.3856

■ 112.2681,
121.5297, 106.2807

■ 4.7144, 5.3796,
3.0084

142.0362,
153.4252, 136.4674

■ 2.1137, 2.4717,
1.0989

176.6496,
190.4635, 171.8887

■ 0.6967, 0.8624,
0.0000

216.4737,

■ 0.0000, 0.0000,

233.0290, 212.9632

0.0000

261.8740,
281.5061, 260.1093

■ 34.3425, 37.6879,
29.5092

■ 34.3425, 37.6879,
29.5092

■ 33.2252, 37.2422,
23.6234

■ 35.6478, 38.2113,
36.3759

■ 32.2843, 36.8658,
18.6714

■ 37.1460, 38.8107,
44.2628

■ 31.5119, 36.5568,
14.6061

■ 38.8455, 39.4905,
53.2101

■ 30.8978, 36.3111,
11.3751

■ 40.7535, 40.2538,
63.2549

■ 30.4313, 36.1244,
8.9206

■ 42.8766, 41.1031,
74.4327

■ 30.0998, 35.9917,
7.1774

■ 45.2214, 42.0410,
86.7774

■ 29.8890, 35.9074,
6.0698

■ 47.7938, 43.0701,
100.3214

■ 29.7763, 35.8623,
5.4790

■ 47.8097, 43.0765,
100.4025

■ 29.7521, 35.8526,
5.3521

■ 47.8102, 43.0767,
100.4025

Harmonies

Analogous

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



36.7679, 37.6879, 29.1650



34.3425, 37.6879, 29.5092



32.4005, 37.6879, 32.7206

Triad

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



34.3425, 37.6879, 29.5092



32.7861, 37.6879, 52.0177



40.6477, 37.6879, 43.7826

Complementary

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



34.3425, 37.6879, 29.5092



26.5462, 26.3713, 40.2523

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.



39.4746, 37.6879, 50.6521



34.3425, 37.6879, 29.5092



34.8909, 37.6879, 55.7563

Square

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



34.3425, 37.6879, 29.5092



31.5306, 37.6879, 45.4819



37.3418, 37.6879, 55.2298



40.4844, 37.6879, 36.8892

Rectangle

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



34.3425, 37.6879, 29.5092



31.6068, 37.6879, 36.2850



37.3418, 37.6879, 55.2298



40.3945, 37.6879, 46.1840

Sweetspot

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



34.3435, 37.6896, 29.5100



64.4190, 68.6621, 68.1947



29.6135, 28.2283, 27.9331



14.3768, 15.3497, 15.0557



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.



34.3435, 37.6896, 29.5100



60.6606, 67.1586, 48.4101



31.4503, 36.1981, 29.3746



8.1468, 8.7738, 8.0534



22.7653, 27.4332, 4.0953



0.5539, 0.6675, 0.0996

Inverse Universe

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



26.5462, 26.3713, 40.2523



43.9453, 42.8952, 71.4387



29.1073, 27.6916, 40.3722



7.1319, 7.3006, 9.4516



5.3376, 2.1351, 28.1063



0.1299, 0.0520, 0.6838

Previews

White Background



This preview shows how the XYZ color 34.3425, 37.6879, 29.5092 looks on a white background.

Color Contrast Check

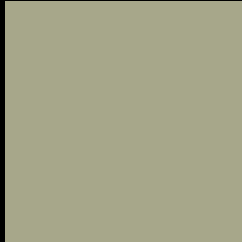
Large Text (above 18pt) WCAG AA × Fail

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 34.3425, 37.6879, 29.5092 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

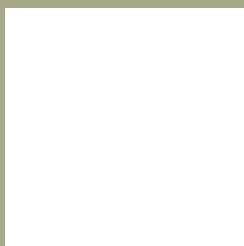
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3425, 37.6879, 29.5092

Background



This preview shows how black text looks on a background with the XYZ color 34.3425, 37.6879, 29.5092.



This preview shows how white text looks on a background with the XYZ color 34.3425, 37.6879,

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

34.3425, 37.6879, 29.5092

Protanopia

35.4260, 37.7151, 29.0795

Deuteranopia

38.3670, 37.6369, 30.0534



Tritanopia

37.6715, 37.7065, 45.8500

Trichromacy



Original Color

34.3425, 37.6879, 29.5092

Protanomaly

34.9462, 37.7365, 29.1089

Deuteranomaly

36.8719, 37.6498, 29.7499

Tritanomaly

36.3746, 37.7056, 39.5432

Monochromacy



Original Color

34.3425, 37.6879, 29.5092

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 34.3425, 37.6879, 29.5092 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(167, 167, 138)` looks like.

```
.text, #text, p{  
    color:rgb(167, 167, 138)  
}
```

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(167, 167, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 167, 138) }
```

Border

The CSS property to change the border of an element to XYZ 34.3425, 37.6879, 29.5092 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(167, 167, 138) }
```


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

```
.border{ border-color:rgb(167, 167, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 167, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 167, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 167, 138);  
box-shadow:4px 4px 4px 4px rgb(167, 167,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3425, 37.6879, 29.5092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 167, 138) }
```

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

```
.background{ background-color: rgb(167,  
167, 138) }
```

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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