

Converting Colors

XYZ(34.2776, 36.8544, 24.1020)

Have a look what the booklet for
XYZ(34.2776, 36.8544, 24.1020)
contains.

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Color

**XYZ(34.3062, 36.9797,
24.0685)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA47B
RGB	174, 164, 123
RGB Percent	68%, 64%, 48%
CMY	0.3176, 0.3568, 0.5176
CMYK	0.00, 0.06, 0.29, 0.32
HSL	48°, 24%, 58%
HSV	48°, 29%, 68%
XYZ	34.3062, 36.9797, 24.0685
YIQ	162.3160, 19.1210, -10.6310

Conversions

Conversions Part 2

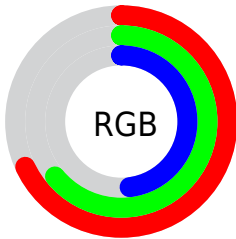
Format	Color
RYB	135, 174, 123
Decimal	11445371
CIELab	67.26, -2.89, 22.63
CIELCh	67, 22.811, 97.275
Yxy	36.9797, 0.3598, 0.3878
Android (android.graphics.Color)	4289635451 (0xFFAEA47B)
YUV	162.3160, -19.3828, 10.2469
Hunter-Lab	60.8109, -5.7192, 19.1011

Details

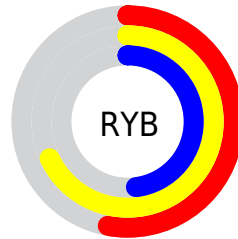
The XYZ color **34.3062, 36.9797, 24.0685** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.1957, 24.0413, 43.4097**, and the grayscale version is **34.5735, 36.3740, 39.6113**.

A 20% lighter version of the original color is **65.8011, 70.6206, 51.2373**, and **14.9154, 16.1477, 8.8093** is the 20% darker color. If you saturate the color by 10%, you get **32.7105, 35.3792, 18.6321**, and if you desaturate by 10%, it is **36.1138, 38.6938, 30.5316**.

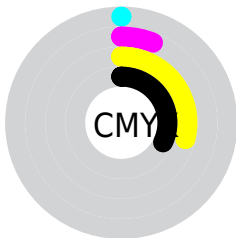
Distribution



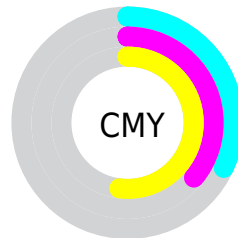
- Red (68%)
- Green (64%)
- Blue (48%)



- Red (53%)
- Yellow (68%)
- Blue (48%)



- Cyan (0%)
- Magenta (6%)
- Yellow (29%)
- Black (32%)



- Cyan (32%)
- Magenta (36%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3062, 36.9797, 24.0685 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 34.3062, 36.9797, 24.0685 by changing the saturation by 10% instead.

■ 34.3062, 36.9797,
24.0685

■ 34.3062, 36.9797,
24.0685

313.0572,
333.2226, 286.4643

■ 23.2929, 25.1918,
15.1718

■ 65.7507, 70.5416,
51.0872

■ 14.9318, 16.2200,
8.7921

■ 86.9126, 93.0843,
70.0462

■ 8.8576, 9.6800,
4.5108

■ 112.1881,
119.9807, 93.1965

■ 4.7048, 5.1873,
1.9096

141.9426,
151.6153, 120.9564

■ 2.1081, 2.3576,
0.4988

176.5414,
188.3724, 153.7446

■ 0.6936, 0.8039,
0.0000

216.3499,

■ 0.0000, 0.0000,

230.6364, 191.9797

0.0000

261.7333,
278.7916, 236.0801

■ 34.3062, 36.9797,
24.0685

■ 34.3062, 36.9797,
24.0685

■ 32.7105, 35.3792,
18.6321

■ 36.1138, 38.6938,
30.5316

■ 31.3135, 33.8828,
14.1659

■ 38.1400, 40.5204,
38.0692

■ 30.1048, 32.4876,
10.6119

■ 40.3949, 42.4650,
46.7288

■ 29.0719, 31.1882,
7.9044

■ 42.8869, 44.5313,
56.5543

■ 28.2005, 29.9789,
5.9693

■ 45.6240, 46.7226,
67.5875

■ 27.4739, 28.8526,
4.7195

■ 48.6139, 49.0422,
79.8678

■ 26.8596, 27.7961,
3.9840

■ 51.8638, 51.4931,
93.4331

■ 26.8186, 27.7247,
3.9379

■ 54.1992, 53.6058,
102.0981

■ 54.9531, 55.1137,
102.3494

Harmonies

Analogous

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



37.8012, 36.9797, 25.0287



34.3062, 36.9797, 24.0685



31.2433, 36.9797, 26.8411

Triad

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



34.3062, 36.9797, 24.0685



30.0803, 36.9797, 53.0439



41.6993, 36.9797, 48.1438

Complementary

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



34.3062, 36.9797, 24.0685



24.1957, 24.0413, 43.4097

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.



39.3654, 36.9797, 57.5505



34.3062, 36.9797, 24.0685



32.6221, 36.9797, 60.6900

Square

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



34.3062, 36.9797, 24.0685



28.9104, 36.9797, 42.7445



36.0037, 36.9797, 62.4627



42.2241, 36.9797, 37.8826

Rectangle

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



34.3062, 36.9797, 24.0685



29.8060, 36.9797, 30.7541



36.0037, 36.9797, 62.4627



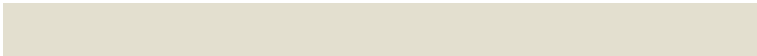
41.0932, 36.9797, 51.5578

Sweetspot

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



34.3071, 36.9814, 24.0693



69.2406, 73.5514, 69.2746



28.7863, 24.8640, 25.5453



15.2667, 16.2391, 14.9334



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.



34.3071, 36.9814, 24.0693



60.3591, 65.2239, 37.2254



32.9501, 39.0427, 24.5387



8.5273, 9.0594, 8.5126



19.4934, 20.1924, 2.8701



0.5759, 0.6290, 0.0911

Inverse Universe

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



24.1957, 24.0413, 43.4097



39.0963, 38.0192, 77.9147



25.2542, 22.6512, 43.0856



7.7013, 8.0020, 10.0913



5.9928, 3.1194, 29.3308



0.2030, 0.1593, 0.8280

Previews

White Background



This preview shows how the XYZ color 34.3062, 36.9797, 24.0685 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 34.3062, 36.9797, 24.0685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

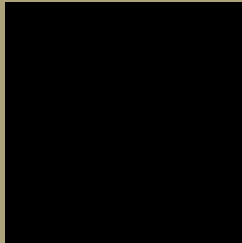
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3062, 36.9797, 24.0685

Background



This preview shows how black text looks on a background with the XYZ color 34.3062, 36.9797, 24.0685.



This preview shows how white text looks on a background with the XYZ color 34.3062, 36.9797,

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

34.3062, 36.9797, 24.0685

Protanopia

34.5298, 37.0949, 24.0790

Deuteranopia

37.6874, 36.9066, 24.2061



Tritanopia

38.3049, 37.0593, 43.1645

Trichromacy



Original Color

34.3062, 36.9797, 24.0685

Protanomaly

34.5298, 37.0949, 24.0790

Deuteranomaly

36.4586, 37.0360, 24.2959

Tritanomaly

36.6807, 36.9065, 35.3274

Monochromacy



Original Color

34.3062, 36.9797, 24.0685

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.1684, 36.4395, 33.2496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3062, 36.9797, 24.0685 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(174, 164, 123)` looks like.

```
.text, #text, p{  
    color:rgb(174, 164, 123)  
}
```

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(174, 164, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 164, 123) }
```

Border

The CSS property to change the border of an element to XYZ 34.3062, 36.9797, 24.0685 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(174, 164, 123) }
```


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

```
.border{ border-color:rgb(174, 164, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 164, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 164, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 164, 123);  
box-shadow:4px 4px 4px 4px rgb(174, 164,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3062, 36.9797, 24.0685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 164, 123) }
```

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

```
.background{ background-color: rgb(174,  
164, 123) }
```

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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