

Converting Colors

XYZ(34.4015, 40.6609, 24.7741)

Have a look what the booklet for
XYZ(34.4015, 40.6609, 24.7741)
contains.

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Color

**XYZ(34.4015, 40.6609,
24.7741)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B17B
RGB	163, 177, 123
RGB Percent	64%, 69%, 48%
CMY	0.3608, 0.3059, 0.5176
CMYK	0.08, 0.00, 0.31, 0.31
HSL	76°, 26%, 59%
HSV	76°, 31%, 69%
XYZ	34.4015, 40.6609, 24.7741
YIQ	166.6580, 8.9900, -19.7620

Conversions

Conversions Part 2

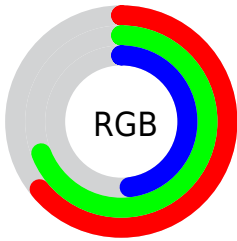
Format	Color
RYB	123, 177, 137
Decimal	10727803
CIELab	69.94, -14.09, 26.07
CIELCh	70, 29.636, 118.395
Yxy	40.6609, 0.3446, 0.4073
Android (android.graphics.Color)	4288917883 (0xFFA3B17B)
YUV	166.6580, -21.5234, -3.2081
Hunter-Lab	63.7659, -15.2901, 21.6010

Details

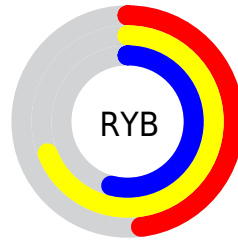
The XYZ color **34.4015, 40.6609, 24.7741** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.3370, 22.6598, 44.6357**, and the grayscale version is **36.6634, 38.5727, 42.0057**.

A 20% lighter version of the original color is **65.8888, 76.3178, 52.3324**, and **14.9992, 18.2892, 9.2182** is the 20% darker color. If you saturate the color by 10%, you get **32.4696, 39.7829, 19.4135**, and if you desaturate by 10%, it is **36.5700, 41.6402, 31.1932**.

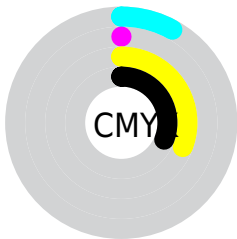
Distribution



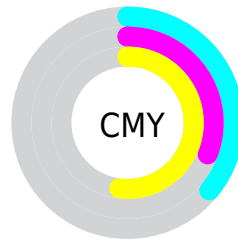
- Red (64%)
- Green (69%)
- Blue (48%)



- Red (48%)
- Yellow (69%)
- Blue (54%)



- Cyan (8%)
- Magenta (0%)
- Yellow (31%)
- Black (31%)





- Cyan (36%)
- Magenta (31%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4015, 40.6609, 24.7741 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 34.4015, 40.6609, 24.7741 by changing the saturation by 10% instead.


 34.4015, 40.6609,
24.7741


 34.4015, 40.6609,
24.7741


313.4731,
348.9014, 290.1226

 23.3666, 28.0542,
15.6913


 65.8977, 76.1689,
52.2501

 14.9866, 18.3665,
9.1540


 87.0897, 99.8389,
71.4804

 8.8962, 11.2135,
4.7436


 112.3980,
127.9656, 94.9303

 4.7301, 6.2106,
2.0415

142.1881,
160.9332, 123.0183

 2.1229, 2.9736,
0.5806

176.8254,
199.1262, 156.1630

 0.7016, 1.1179,
0.0000

216.6750,

 0.0000, 0.0000,

242.9290, 194.7830

0.0000

262.1025,
292.7259, 239.2967

■ 34.4015, 40.6609,
24.7741

■ 34.4015, 40.6609,
24.7741

■ 32.4696, 39.7829,
19.4135

■ 36.5700, 41.6402,
31.1932

■ 30.7600, 38.9964,
15.0519

■ 38.9822, 42.7197,
38.7209

■ 29.2616, 38.2981,
11.6279


■ 41.6490, 43.9050,
47.4072


■ 27.9609, 37.6828,
9.0723


■ 44.5794, 45.1998,
57.2982


■ 26.8424, 37.1441,
7.3062


■ 47.7821, 46.6076,
68.4376


 25.8882, 36.6749,
6.2366

 51.2653, 48.1317,
80.8669

 25.0988, 36.2795,
5.6798

 55.0367, 49.7753,
94.6257

 57.5184, 50.9072,
101.4023

 58.7607, 51.5477,
101.4604

Harmonies

Analogous

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



38.9073, 40.6609, 22.6732



34.4015, 40.6609, 24.7741



31.2729, 40.6609, 31.7592

Triad

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



34.4015, 40.6609, 24.7741



33.9868, 40.6609, 70.9713



48.6806, 40.6609, 45.0210

Complementary

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



34.4015, 40.6609, 24.7741



25.3370, 22.6598, 44.6357

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.



47.0976, 40.6609, 59.7049



34.4015, 40.6609, 24.7741



38.3878, 40.6609, 76.4911

Square

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



34.4015, 40.6609, 24.7741



31.0479, 40.6609, 58.1458



43.2281, 40.6609, 71.9952



47.3946, 40.6609, 32.8031

Rectangle

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



34.4015, 40.6609, 24.7741



30.2542, 40.6609, 39.1410



43.2281, 40.6609, 71.9952



48.4640, 40.6609, 49.8346

Sweetspot

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



34.4025, 40.6627, 24.7750



70.4323, 76.7817, 71.3292



30.5829, 28.5280, 22.6340



15.1225, 16.5769, 15.0062



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.



34.4025, 40.6627, 24.7750



59.1029, 71.6817, 37.3415



29.5335, 38.1526, 24.5471



8.9777, 9.7936, 9.0697



18.2428, 26.3146, 4.1177



0.6248, 0.8541, 0.1319

Inverse Universe

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



25.3370, 22.6598, 44.6357



40.1282, 33.9820, 78.9395



30.2271, 25.1807, 44.8646



8.2418, 8.3332, 10.6804



6.6124, 2.7446, 30.3182



0.2637, 0.1150, 0.9565

Previews

White Background



This preview shows how the XYZ color 34.4015, 40.6609, 24.7741 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 34.4015, 40.6609, 24.7741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

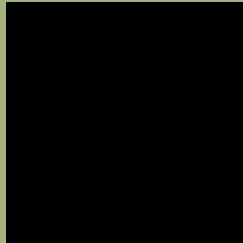
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4015, 40.6609, 24.7741

Background



This preview shows how black text looks on a background with the XYZ color 34.4015, 40.6609, 24.7741.



This preview shows how white text looks on a background with the XYZ color 34.4015, 40.6609,

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

34.4015, 40.6609, 24.7741

Protanopia

37.7202, 40.6722, 23.6318

Deuteranopia

41.3985, 40.6138, 25.3960



Tritanopia

39.5298, 40.4528, 50.5245

Trichromacy



Original Color

34.4015, 40.6609, 24.7741

Protanomaly

36.2993, 40.4977, 23.9928

Deuteranomaly

38.6287, 40.5480, 25.1926

Tritanomaly

37.3340, 40.4031, 39.5491

Monochromacy



Original Color

34.4015, 40.6609, 24.7741

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.8747, 39.4672, 35.0053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4015, 40.6609, 24.7741 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(163, 177, 123)` looks like.

```
.text, #text, p{  
    color:rgb(163, 177, 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(163, 177, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 177, 123) }
```

Border

The CSS property to change the border of an element to XYZ 34.4015, 40.6609, 24.7741 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(163, 177, 123) }
```


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

```
.border{ border-color:rgb(163, 177, 123) }
```

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

Here you see how a box with a 4 pixel rgb(163, 177, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 177, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 177, 123);  
box-shadow:4px 4px 4px 4px rgb(163, 177,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4015, 40.6609, 24.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 177, 123) }
```

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

```
.background{ background-color: rgb(163,  
177, 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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