

Converting Colors

XYZ(32.3474, 36.6470, 17.6806)

Have a look what the booklet for
XYZ(32.3474, 36.6470, 17.6806)
contains.

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Color

**XYZ(32.3474, 36.6470,
17.6806)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A665
RGB	169, 166, 101
RGB Percent	66%, 65%, 40%
CMY	0.3373, 0.3490, 0.6039
CMYK	0.00, 0.02, 0.40, 0.34
HSL	57°, 28%, 53%
HSV	57°, 40%, 66%
XYZ	32.3474, 36.6470, 17.6806
YIQ	159.4870, 22.6530, -19.5790

Conversions

Conversions Part 2

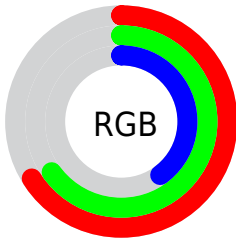
Format	Color
RYB	104, 169, 101
Decimal	11118181
CIELab	67.01, -8.72, 34.01
CIELCh	67, 35.110, 104.377
Yxy	36.6470, 0.3732, 0.4228
Android (android.graphics.Color)	4289308261 (0xFFA9A665)
YUV	159.4870, -28.8341, 8.3429
Hunter-Lab	60.5368, -10.5591, 25.0593

Details

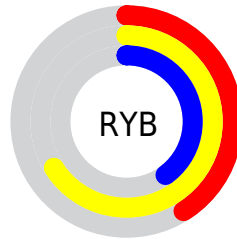
The XYZ color **32.3474, 36.6470, 17.6806** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.4786, 15.5316, 39.6129**, and the grayscale version is **33.2994, 35.0336, 38.1515**.

A 20% lighter version of the original color is **62.6576, 70.0204, 40.3499**, and **13.8396, 15.9956, 5.6068** is the 20% darker color. If you saturate the color by 10%, you get **31.4685, 36.0808, 13.7142**, and if you desaturate by 10%, it is **33.3992, 37.2862, 22.5456**.

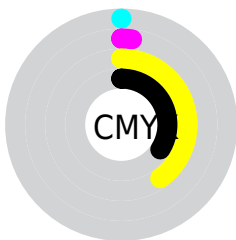
Distribution



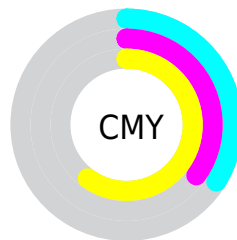
- Red (66%)
- Green (65%)
- Blue (40%)



- Red (41%)
- Yellow (66%)
- Blue (40%)



- Cyan (0%)
- Magenta (2%)
- Yellow (40%)
- Black (34%)



- Cyan (34%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3474, 36.6470, 17.6806 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 32.3474, 36.6470, 17.6806 by changing the saturation by 10% instead.

■ 32.3474, 36.6470,
17.6806

■ 32.3474, 36.6470,
17.6806

304.4160,
331.7797, 251.2399

■ 21.7838, 24.9343,
10.5539

■ 62.7168, 70.0295,
40.2989

■ 13.8139, 16.0281,
5.6573

■ 83.2534, 92.4682,
56.6275

■ 8.0721, 9.5440,
2.5725

■ 107.8450,
119.2509, 76.8605

■ 4.1933, 5.0977,
0.8782

■ 136.8570,
150.7621, 101.4164

■ 1.8121, 2.3047,
0.0000

170.6547,
187.3862, 130.7137

■ 0.5249, 0.7762,
0.0000

209.6036,

■ 0.0000, 0.0000,

229.5075, 165.1711

0.0000

254.0689,
277.5106, 205.2069

■ 32.3474, 36.6470,
17.6806

■ 32.3474, 36.6470,
17.6806

■ 31.4685, 36.0808,
13.7142

■ 33.3992, 37.2862,
22.5456

■ 30.7493, 35.5784,
10.5886

■ 34.6308, 37.9974,
28.3576

■ 30.1789, 35.1368,
8.2433

■ 36.0520, 38.7856,
35.1642

■ 29.7442, 34.7507,
6.6084

■ 37.6711, 39.6542,
43.0091

■ 29.4295, 34.4138,
5.6015

■ 39.4960, 40.6064,
51.9334

■ 29.2042, 34.1189,
5.0464

■ 41.5340, 41.6451,
61.9763

■ 43.7921, 42.7731,
73.1745

■ 46.2771, 43.9932,
85.5634

■ 48.9954, 45.3078,
99.1768

Harmonies

Analogous

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



37.6668, 36.6470, 17.7768



32.3474, 36.6470, 17.6806



28.1416, 36.6470, 22.3783

Triad

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



32.3474, 36.6470, 17.6806



28.0051, 36.6470, 64.1650



45.6692, 36.6470, 48.3446

Complementary

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



32.3474, 36.6470, 17.6806



17.4786, 15.5316, 39.6129

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.



42.5064, 36.6470, 64.7867



32.3474, 36.6470, 17.6806



32.1429, 36.6470, 75.3904

Square

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



32.3474, 36.6470, 17.6806



25.8136, 36.6470, 47.6471



37.4404, 36.6470, 75.6433



45.7384, 36.6470, 33.0459

Rectangle

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



32.3474, 36.6470, 17.6806



26.3805, 36.6470, 28.5029



37.4404, 36.6470, 75.6433



44.9192, 36.6470, 53.9962

Sweetspot

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



32.3483, 36.6487, 17.6814



64.0355, 69.1719, 60.4192



23.5353, 18.7504, 15.5827



13.8866, 15.0378, 12.8308



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.



32.3483, 36.6487, 17.6814



56.5576, 64.7513, 25.4477



27.0848, 34.7532, 17.5929



8.1181, 8.7163, 8.0438



21.7762, 25.4497, 3.7645



0.5381, 0.6358, 0.0944

Inverse Universe

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



17.4786, 15.5316, 39.6129



26.3279, 21.8263, 70.0503



21.2688, 17.0457, 39.7054



7.1573, 7.3516, 9.4601



5.4081, 2.2764, 28.1298



0.1396, 0.0715, 0.6871

Previews

White Background



This preview shows how the XYZ color 32.3474, 36.6470, 17.6806 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 32.3474, 36.6470, 17.6806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

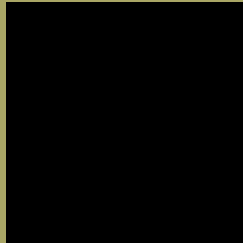
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3474, 36.6470, 17.6806

Background



This preview shows how black text looks on a background with the XYZ color 32.3474, 36.6470, 17.6806.



This preview shows how white text looks on a background with the XYZ color 32.3474, 36.6470,

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

32.3474, 36.6470, 17.6806

Protanopia

33.7575, 36.5795, 17.3379

Deuteranopia

37.3626, 36.6265, 17.9324



Tritanopia

37.6140, 36.7031, 43.1321

Trichromacy



Original Color

32.3474, 36.6470, 17.6806

Protanomaly

33.2549, 36.5850, 17.3655

Deuteranomaly

35.4626, 36.6657, 17.7785

Tritanomaly

35.3113, 36.5327, 31.9785

Monochromacy



Original Color

32.3474, 36.6470, 17.6806

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.6120, 35.4622, 29.1708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3474, 36.6470, 17.6806 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(169, 166, 101)` looks like.

```
.text, #text, p{  
    color:rgb(169, 166, 101)  
}
```

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(169, 166, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 166, 101) }
```

Border

The CSS property to change the border of an element to XYZ 32.3474, 36.6470, 17.6806 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(169, 166, 101) }
```


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

```
.border{ border-color:rgb(169, 166, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 166, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 166, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 166, 101);  
box-shadow:4px 4px 4px 4px rgb(169, 166,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3474, 36.6470, 17.6806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 166, 101) }
```

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

```
.background{ background-color: rgb(169,  
166, 101) }
```

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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