

Converting Colors

XYZ(32.5081, 34.2282, 24.6936)

Have a look what the booklet for
XYZ(32.5081, 34.2282, 24.6936)
contains.

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Color

**XYZ(32.4004, 34.1663,
24.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9D7E
RGB	170, 157, 126
RGB Percent	67%, 62%, 49%
CMY	0.3333, 0.3843, 0.5059
CMYK	0.00, 0.08, 0.26, 0.33
HSL	42°, 21%, 58%
HSV	42°, 26%, 67%
XYZ	32.4004, 34.1663, 24.6257
YIQ	157.3530, 17.6990, -6.8850

Conversions

Conversions Part 2

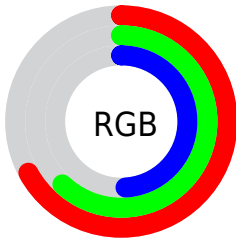
Format	Color
RYB	144, 170, 126
Decimal	11181438
CIELab	65.09, -0.26, 17.96
CIELCh	65, 17.966, 90.843
Yxy	34.1663, 0.3553, 0.3747
Android (android.graphics.Color)	4289371518 (0xFFAA9D7E)
YUV	157.3530, -15.4570, 11.0914
Hunter-Lab	58.4519, -3.3469, 15.9376

Details

The XYZ color **32.4004, 34.1663, 24.6257** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **25.0923, 25.8025, 41.6882**, and the grayscale version is **32.2694, 33.9500, 36.9715**.

A 20% lighter version of the original color is **62.7950, 66.0120, 52.0798**, and **13.8297, 14.6258, 9.1153** is the 20% darker color. If you saturate the color by 10%, you get **30.5635, 32.1012, 19.0536**, and if you desaturate by 10%, it is **34.4605, 36.3790, 31.1927**.

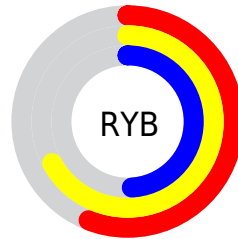
Distribution



Red (67%)

Green (62%)

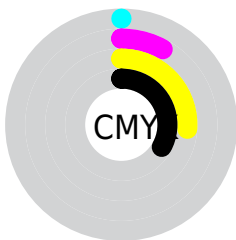
Blue (49%)



Red (56%)

Yellow (67%)

Blue (49%)

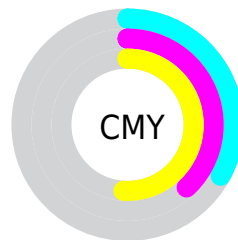


Cyan (0%)

Magenta (8%)

Yellow (26%)

Black (33%)



Cyan (33%)

Magenta (38%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4004, 34.1663, 24.6257 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 32.4004, 34.1663, 24.6257 by changing the saturation by 10% instead.


 32.4004, 34.1663,
24.6257


 32.4004, 34.1663,
24.6257


304.6522,
320.8729, 289.3565


 21.8245, 23.0214,
15.5819


 62.7992, 66.1922,
52.0059

 13.8439, 14.6093,
9.0777


 83.3529, 87.8420,
71.1794

 8.0932, 8.5456,
4.6944


 107.9633,
113.7621, 94.5666

 4.2069, 4.4460,
2.0135

136.9956,
144.3371, 122.5860

 1.8199, 1.9261,
0.5636

170.8153,
179.9513, 155.6562

 0.5296, 0.5640,
0.0000

209.7877,

 0.0000, 0.0000,

220.9891, 194.1956

0.0000

254.2782,
267.8348, 238.6229

■ 32.4004, 34.1663,
24.6257

■ 32.4004, 34.1663,
24.6257

■ 30.5635, 32.1012,
19.0536

■ 34.4605, 36.3790,
31.1927

■ 28.9372, 30.1743,
14.4246

■ 36.7502, 38.7388,
38.7987

■ 27.5118, 28.3823,
10.6851

■ 39.2791, 41.2515,
47.4878

■ 26.2755, 26.7199,
7.7757

■ 42.0552, 43.9208,
57.3008

■ 25.2153, 25.1810,
5.6293

■ 45.0863, 46.7506,
68.2764

■ 24.3159, 23.7588,
4.1685

■ 48.3798, 49.7443,
80.4516

■ 23.5577, 22.4449,
3.2917

■ 51.9426, 52.9055,
93.8615

■ 23.2685, 21.9279,
3.0061

■ 54.6336, 55.7780,
102.4945

■ 55.7942, 58.0992,
102.8813

Harmonies

Analogous

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



34.9752, 34.1663, 26.0306



32.4004, 34.1663, 24.6257



29.9739, 34.1663, 26.1973

Triad

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



32.4004, 34.1663, 24.6257



28.3618, 34.1663, 45.0486



37.0461, 34.1663, 44.6345

Complementary

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



32.4004, 34.1663, 24.6257



25.0923, 25.8025, 41.6882

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.



35.1095, 34.1663, 50.9220



32.4004, 34.1663, 24.6257



30.0951, 34.1663, 51.1826

Square

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



32.4004, 34.1663, 24.6257



27.7202, 34.1663, 37.4128



32.5478, 34.1663, 53.4615



37.7425, 34.1663, 36.9906

Rectangle

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



32.4004, 34.1663, 24.6257



28.7440, 34.1663, 28.8609



32.5478, 34.1663, 53.4615



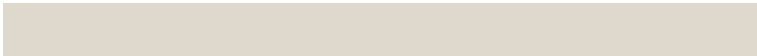
36.5136, 34.1663, 47.0111

Sweetspot

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



32.4013, 34.1678, 24.6264



65.7015, 69.2942, 67.1032



28.7135, 25.3381, 27.8805



14.5120, 15.3100, 14.4970



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.4013, 34.1678, 24.6264



56.8462, 59.8321, 38.7228



32.8791, 37.8539, 25.3127



7.9570, 8.3940, 7.9901



17.1666, 16.2305, 2.2280



0.4588, 0.4772, 0.0679

Inverse Universe

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



25.0923, 25.8025, 41.6882



41.3345, 42.0827, 74.9461



24.6764, 22.9587, 41.1612



7.3057, 7.6483, 9.5096



6.2264, 3.9130, 28.4026



0.1953, 0.1827, 0.7056

Previews

White Background



This preview shows how the XYZ color 32.4004, 34.1663, 24.6257 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 32.4004, 34.1663, 24.6257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

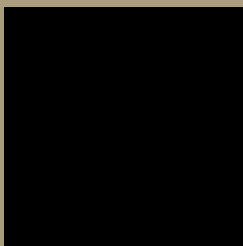
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4004, 34.1663, 24.6257

Background



This preview shows how black text looks on a background with the XYZ color 32.4004, 34.1663, 24.6257.



This preview shows how white text looks on a background with the XYZ color 32.4004, 34.1663,

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

32.4004, 34.1663, 24.6257

Protanopia

32.1412, 34.2849, 24.6623

Deuteranopia

34.8262, 34.1791, 24.8404



Tritanopia

35.6083, 34.2508, 39.8563

Trichromacy



Original Color

32.4004, 34.1663, 24.6257

Protanomaly

32.3549, 34.3951, 24.6723

Deuteranomaly

33.9768, 34.2272, 24.8944

Tritanomaly

34.2942, 34.1974, 33.6474

Monochromacy



Original Color

32.4004, 34.1663, 24.6257

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.1456, 33.8706, 32.0376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4004, 34.1663, 24.6257 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(170, 157, 126)` looks like.

```
.text, #text, p{  
    color:rgb(170, 157, 126)  
}
```

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(170, 157, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 157, 126) }
```

Border

The CSS property to change the border of an element to XYZ 32.4004, 34.1663, 24.6257 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(170, 157, 126) }
```


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

```
.border{ border-color:rgb(170, 157, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 157, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 157, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 157, 126);  
box-shadow:4px 4px 4px 4px rgb(170, 157,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4004, 34.1663, 24.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 157, 126) }
```

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

```
.background{ background-color: rgb(170,  
157, 126) }
```

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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