

Converting Colors

XYZ(31.3564, 36.0425, 34.1584)

Have a look what the booklet for
XYZ(31.3564, 36.0425, 34.1584)
contains.

XYZ(31.3564, 36.0425, 34.1584)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.3564, 36.0425,
34.1584)**

Conversions

Conversions Part 1

Format	Color
Hex	93A796
RGB	147, 167, 150
RGB Percent	58%, 65%, 59%
CMY	0.4235, 0.3451, 0.4118
CMYK	0.12, 0.00, 0.10, 0.35
HSL	129°, 10%, 62%
HSV	129°, 12%, 65%
XYZ	31.3564, 36.0425, 34.1584
YIQ	159.0820, -6.4630, -9.5270

Conversions

Conversions Part 2

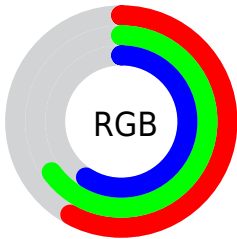
Format	Color
RYB	147, 164, 167
Decimal	9676694
CIELab	66.55, -10.34, 6.43
CIElCh	67, 12.180, 148.108
Yxy	36.0425, 0.3088, 0.3549
Android (android.graphics.Color)	4287866774 (0xFF93A796)
YUV	159.0820, -4.4774, -10.5959
Hunter-Lab	60.0354, -11.8317, 8.2905

Details

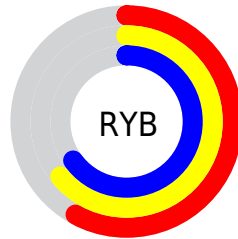
The XYZ color **31.3564, 36.0425, 34.1584** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0723, 31.7642, 39.5118**, and the grayscale version is **33.0149, 34.7343, 37.8256**.

A 20% lighter version of the original color is **61.1078, 69.0197, 67.2282**, and **13.2067, 15.6491, 14.1289** is the 20% darker color. If you saturate the color by 10%, you get **27.5017, 34.1805, 28.3682**, and if you desaturate by 10%, it is **35.7864, 38.1871, 40.7000**.

Distribution



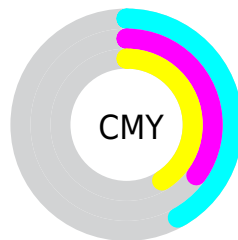
- Red (58%)
- Green (65%)
- Blue (59%)



- Red (58%)
- Yellow (64%)
- Blue (65%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (35%)



- Cyan (42%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3564, 36.0425, 34.1584 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 31.3564, 36.0425, 34.1584 by changing the saturation by 10% instead.

■ 31.3564, 36.0425,
34.1584

■ 31.3564, 36.0425,
34.1584

299.9745,
329.1463, 335.6285

■ 21.0235, 24.4670,
22.7370

■ 61.1728, 69.0977,
67.3166

■ 13.2538, 15.6804,
14.1959

■ 81.3870, 91.3461,
89.8905

■ 7.6817, 9.2983,
8.1168

105.6258,
117.9210, 117.0189

■ 3.9421, 4.9363,
4.0809

134.2544,
149.2068, 149.1205

■ 1.6694, 2.2099,
1.6698

167.6382,
185.5878, 186.6137

■ 0.4370, 0.7254,
0.3399

206.1426,

■ 0.0000, 0.0000,

227.4485, 229.9170

0.0000

250.1329,
275.1732, 279.4491

■ 31.3564, 36.0425,
34.1584

■ 31.3564, 36.0425,
34.1584

■ 27.5017, 34.1805,
28.3682

■ 35.7864, 38.1871,
40.7000

■ 24.1957, 32.5850,
23.3002

■ 40.8109, 40.6206,
48.0160

■ 21.4142, 31.2450,
18.9267

■ 46.4520, 43.3549,
56.1316

■ 19.1301, 30.1472,
15.2175

■ 52.7295, 46.3997,
65.0700

■ 17.3135, 29.2769,
12.1400

■ 59.6627, 49.7646,
74.8533

■ 15.9316, 28.6180,
9.6590

■ 67.2698, 53.4583,
85.5030

■ 14.9472, 28.1521,
7.7357

■ 72.2162, 55.7615,
96.8829

■ 14.3165, 27.8575,
6.3267

■ 73.1094, 56.1188,
101.5865

■ 13.9954, 27.7092,
5.5332

Harmonies

Analogous

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



32.6265, 36.0425, 31.0113



31.3564, 36.0425, 34.1584



30.8602, 36.0425, 38.9125

Triad

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



31.3564, 36.0425, 34.1584



34.1413, 36.0425, 50.1995



37.4549, 36.0425, 34.6862

Complementary

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



31.3564, 36.0425, 34.1584



33.0723, 31.7642, 39.5118

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.



37.8950, 36.0425, 39.5777



31.3564, 36.0425, 34.1584



35.9416, 36.0425, 48.8186

Square

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



31.3564, 36.0425, 34.1584



32.4322, 36.0425, 48.4349



37.3318, 36.0425, 44.8112



36.1497, 36.0425, 31.2964

Rectangle

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



31.3564, 36.0425, 34.1584



31.0213, 36.0425, 42.4597



37.3318, 36.0425, 44.8112



37.7110, 36.0425, 36.1952

Sweetspot

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



31.3574, 36.0440, 34.1592



62.3392, 67.5407, 70.3198



34.4654, 37.6738, 33.0596



13.8159, 15.0493, 15.5385



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.



31.3574, 36.0440, 34.1592



54.4958, 63.7465, 58.6970



32.1686, 36.3685, 38.4307



7.4809, 8.4254, 8.2526



10.7208, 21.2071, 4.2966



0.2740, 0.5212, 0.1740

Inverse Universe

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



33.0723, 31.7642, 39.5118



58.0941, 54.7656, 69.9279



32.2318, 31.4280, 35.0860



7.7928, 7.6470, 9.2262



15.9424, 7.7857, 20.3059



0.4006, 0.1945, 0.5608

Previews

White Background



This preview shows how the XYZ color 31.3564, 36.0425, 34.1584 looks on a white background.

Color Contrast Check

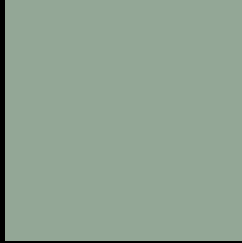
Large Text (above 18pt) WCAG AA × Fail

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 31.3564, 36.0425, 34.1584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

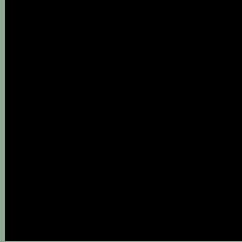
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.3564, 36.0425, 34.1584

Background



This preview shows how black text looks on a background with the XYZ color 31.3564, 36.0425, 34.1584.



This preview shows how white text looks on a background with the XYZ color 31.3564, 36.0425,

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

31.3564, 36.0425, 34.1584

Protanopia

34.1598, 35.9212, 32.7368

Deuteranopia

36.6120, 35.8677, 34.6993



Tritanopia

33.6962, 35.9083, 46.2293

Trichromacy



Original Color

31.3564, 36.0425, 34.1584

Protanomaly

32.9397, 35.8061, 33.1921

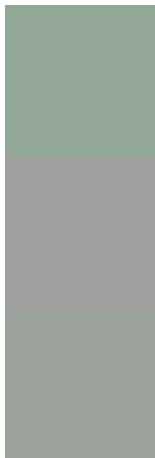
Deuteranomaly

34.5189, 35.8110, 34.3710

Tritanomaly

32.8282, 35.8250, 41.7439

Monochromacy



Original Color

31.3564, 36.0425, 34.1584

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.4386, 35.2095, 36.5389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3564, 36.0425, 34.1584 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(147, 167, 150)` looks like.

```
.text, #text, p{  
    color:rgb(147, 167, 150)  
}
```

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(147, 167, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 167, 150) }
```

Border

The CSS property to change the border of an element to XYZ 31.3564, 36.0425, 34.1584 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(147, 167, 150) }
```


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

```
.border{ border-color:rgb(147, 167, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 167, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 167, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 167, 150);  
box-shadow:4px 4px 4px 4px rgb(147, 167,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3564, 36.0425, 34.1584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 167, 150) }
```

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

```
.background{ background-color: rgb(147,  
167, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor