

Converting Colors

XYZ(31.4563, 37.9075, 33.1673)

Have a look what the booklet for
XYZ(31.4563, 37.9075, 33.1673)
contains.

XYZ(31.3654, 37.7445, 33.2361)	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(31.3654, 37.7445,
33.2361)**

Conversions

Conversions Part 1

Format	Color
Hex	8EAD93
RGB	142, 173, 147
RGB Percent	56%, 68%, 58%
CMY	0.4431, 0.3216, 0.4235
CMYK	0.18, 0.00, 0.15, 0.32
HSL	130°, 16%, 62%
HSV	130°, 18%, 68%
XYZ	31.3654, 37.7445, 33.2361
YIQ	160.7670, -10.1300, -14.6580

Conversions

Conversions Part 2

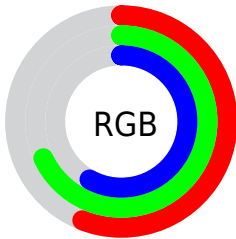
Format	Color
RYB	142, 169, 173
Decimal	9350547
CIELab	67.83, -15.82, 9.88
CIElCh	68, 18.652, 148.032
Yxy	37.7445, 0.3065, 0.3688
Android (android.graphics.Color)	4287540627 (0xFF8EAD93)
YUV	160.7670, -6.7871, -16.4587
Hunter-Lab	61.4366, -16.3838, 10.9307

Details

The XYZ color **31.3654, 37.7445, 33.2361** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.9758, 31.0584, 41.2517**, and the grayscale version is **33.8028, 35.5632, 38.7283**.

A 20% lighter version of the original color is **61.3269, 71.9914, 65.9218**, and **13.2631, 16.7434, 13.5991** is the 20% darker color. If you saturate the color by 10%, you get **27.5567, 35.9055, 27.4846**, and if you desaturate by 10%, it is **35.7805, 39.8817, 39.7674**.

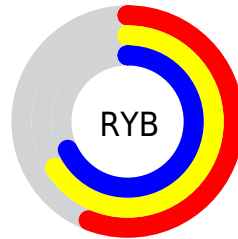
Distribution



Red (56%)

Green (68%)

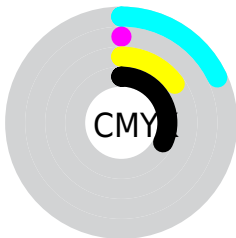
Blue (58%)



Red (56%)

Yellow (66%)

Blue (68%)

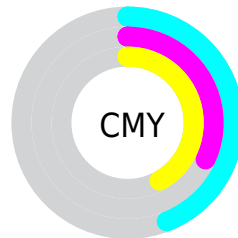


Cyan (18%)

Magenta (0%)

Yellow (15%)

Black (32%)



Cyan (44%)


Magenta (32%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.3654, 37.7445, 33.2361 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 31.3654, 37.7445, 33.2361 by changing the saturation by 10% instead.


 31.3654, 37.7445,
33.2361


 31.3654, 37.7445,
33.2361


300.0151,
336.5227, 331.3769


 21.0304, 25.7844,
22.0348

 61.1868, 71.7164,
65.8642

 13.2588, 16.6625,
13.6839

 81.4040, 94.4969,
88.1281

 7.6853, 9.9941,
7.7649


 105.6460,
121.6532, 114.9166

 3.9443, 5.3951,
3.8593

134.2781,
153.5694, 146.6482

 1.6707, 2.4809,
1.5485

167.6657,
190.6301, 183.7415

 0.4378, 0.8670,
0.2536

206.1742,

 0.0000, 0.0000,

233.2196, 226.6150

0.0000

250.1689,
281.7223, 275.6873

■ 31.3654, 37.7445,
33.2361

■ 31.3654, 37.7445,
33.2361

■ 27.5567, 35.9055,
27.4846

■ 35.7805, 39.8817,
39.7674

■ 24.3249, 34.3468,
22.4813

■ 40.8239, 42.3245,
47.1034

■ 21.6424, 33.0560,
18.1961

■ 46.5199, 45.0860,
55.2711

■ 19.4783, 32.0178,
14.5961

■ 52.8909, 48.1772,
64.2957

■ 17.7986, 31.2155,
11.6456

■ 59.9581, 51.6086,
74.2008

■ 16.5650, 30.6300,
9.3059

■ 67.7417, 55.3900,
85.0097

■ 15.7334, 30.2397,
7.5339

■ 73.2165, 57.9615,
96.6019

■ 15.2356, 30.0103,
6.2804

■ 74.2343, 58.3686,
101.9614

■ 15.1527, 29.9719,
6.0790

Harmonies

Analogous

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



33.3269, 37.7445, 28.5924



31.3654, 37.7445, 33.2361



30.6043, 37.7445, 40.5535

Triad

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



31.3654, 37.7445, 33.2361



35.6846, 37.7445, 59.1374



41.0056, 37.7445, 34.0642

Complementary

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



31.3654, 37.7445, 33.2361



33.9758, 31.0584, 41.2517

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.



41.7186, 37.7445, 41.6461



31.3654, 37.7445, 33.2361



38.5498, 37.7445, 56.8017

Square

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



31.3654, 37.7445, 33.2361



33.0134, 37.7445, 56.1266



40.7974, 37.7445, 50.1096



38.8974, 37.7445, 29.0235

Rectangle

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



31.3654, 37.7445, 33.2361



30.8474, 37.7445, 46.2219



40.7974, 37.7445, 50.1096



41.4212, 37.7445, 36.3663

Sweetspot

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



31.3664, 37.7461, 33.2369



66.5205, 72.6054, 74.7912



36.0507, 40.2053, 31.4520



14.3275, 15.7164, 16.0656



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.



31.3664, 37.7461, 33.2369



52.9963, 66.0629, 54.7548



32.6350, 38.2535, 39.9173



7.9552, 8.9597, 8.7892



11.1459, 22.0236, 4.5422



0.3257, 0.6189, 0.2086

Inverse Universe

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



33.9758, 31.0584, 41.2517



58.6522, 51.5642, 72.1245



32.6452, 30.5261, 34.2446



8.2808, 8.1256, 9.7892



16.4385, 8.0379, 20.4864



0.4719, 0.2294, 0.6467

Previews

White Background



This preview shows how the XYZ color 31.3654, 37.7445, 33.2361 looks on a white background.

Color Contrast Check

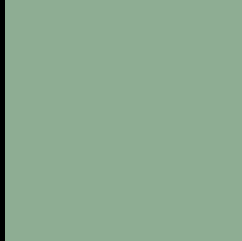
Large Text (above 18pt) WCAG AA × Fail

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 31.3654, 37.7445, 33.2361 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 31.3654, 37.7445, 33.2361

Background



This preview shows how black text looks on a background with the XYZ color 31.3654, 37.7445, 33.2361.



This preview shows how white text looks on a background with the XYZ color 31.3654, 37.7445,

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

31.3654, 37.7445, 33.2361

Protanopia

35.4670, 37.4183, 31.3397

Deuteranopia

38.1529, 37.4374, 34.0694



Tritanopia

34.6589, 37.6786, 49.7019

Trichromacy



Original Color

31.3654, 37.7445, 33.2361

Protanomaly

33.7530, 37.3324, 31.8125

Deuteranomaly

35.2778, 37.2669, 33.7677

Tritanomaly

33.3902, 37.7250, 43.0579

Monochromacy



Original Color

31.3654, 37.7445, 33.2361

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.7823, 36.1806, 36.7082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3654, 37.7445, 33.2361 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(142, 173, 147)` looks like.

```
.text, #text, p{  
    color:rgb(142, 173, 147)  
}
```

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(142, 173, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 173, 147) }
```

Border

The CSS property to change the border of an element to XYZ 31.3654, 37.7445, 33.2361 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(142, 173, 147) }
```


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

```
.border{ border-color:rgb(142, 173, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 173, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 173, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 173, 147);  
box-shadow:4px 4px 4px 4px rgb(142, 173,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3654, 37.7445, 33.2361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 173, 147) }
```

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

```
.background{ background-color: rgb(142,  
173, 147) }
```

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