

Converting Colors

XYZ(33.2847, 34.2256, 31.2375)

Have a look what the booklet for
XYZ(33.2847, 34.2256, 31.2375)
contains.

XYZ(33.2847, 34.2256, 31.2375)	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(33.2847, 34.2256,
31.2375)**

Conversions

Conversions Part 1

Format	Color
Hex	A99C90
RGB	169, 156, 144
RGB Percent	66%, 61%, 56%
CMY	0.3373, 0.3882, 0.4353
CMYK	0.00, 0.08, 0.15, 0.34
HSL	29°, 13%, 61%
HSV	29°, 15%, 66%
XYZ	33.2847, 34.2256, 31.2375
YIQ	158.5190, 11.6000, -0.9760

Conversions

Conversions Part 2

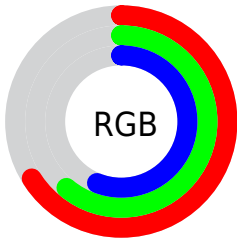
Format	Color
RYB	169, 167, 144
Decimal	11115664
CIELab	65.14, 2.68, 7.99
CIELCh	65, 8.430, 71.444
Yxy	34.2256, 0.3371, 0.3466
Android (android.graphics.Color)	4289305744 (0xFFA99C90)
YUV	158.5190, -7.1579, 9.1918
Hunter-Lab	58.5026, -0.8232, 9.2939

Details

The XYZ color **33.2847, 34.2256, 31.2375** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7198, 32.9071, 42.2690**, and the grayscale version is **32.7639, 34.4701, 37.5380**.

A 20% lighter version of the original color is **63.9801, 66.0177, 62.7967**, and **14.4081, 14.6932, 12.6664** is the 20% darker color. If you saturate the color by 10%, you get **30.6674, 30.9055, 24.4623**, and if you desaturate by 10%, it is **36.2039, 37.8394, 39.0682**.

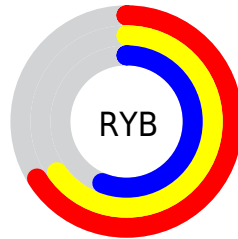
Distribution



Red (66%)

Green (61%)

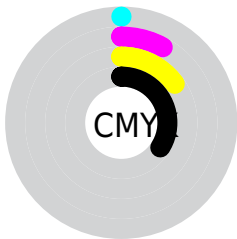
Blue (56%)



Red (66%)

Yellow (65%)

Blue (56%)

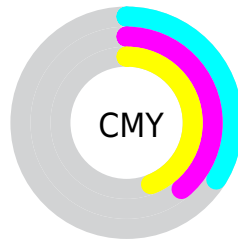


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (34%)



Cyan (34%)


Magenta (39%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.2847, 34.2256, 31.2375 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 33.2847, 34.2256, 31.2375 by changing the saturation by 10% instead.


 33.2847, 34.2256,
31.2375


 33.2847, 34.2256,
31.2375


308.5730,
321.1368, 322.0160

 22.5049, 23.0670,
20.5198


 64.1715, 66.2843,
62.6978

 14.3470, 14.6430,
12.5856


 85.0092, 87.9532,
84.2774

 8.4457, 8.5692,
7.0165

109.9302,
113.8943, 110.3147

 4.4357, 4.4613,
3.3938

139.2999,
144.4921, 141.2283

 1.9514, 1.9348,
1.2991

173.4837,
180.1308, 177.4367

 0.6065, 0.5692,
0.0610

212.8469,

 0.0000, 0.0000,

221.1949, 219.3584

0.0000

257.7549,
268.0688, 267.4120

■ 33.2847, 34.2256,
31.2375

■ 33.2847, 34.2256,
31.2375

■ 30.6674, 30.9055,
24.4623

■ 36.2039, 37.8394,
39.0682

■ 28.3385, 27.8667,
18.6946

■ 39.4325, 41.7499,
47.9952

■ 26.2872, 25.1023,
13.8857

■ 42.9810, 45.9659,
58.0599

■ 24.5013, 22.6036,
9.9824

■ 46.8587, 50.4943,
69.3008

■ 22.9673, 20.3611,
6.9257

■ 51.0744, 55.3419,
81.7545

■ 21.6702, 18.3649,
4.6499

■ 55.6366, 60.5152,
95.4562

■ 20.5931, 16.6037,
3.0793

■ 59.3553, 65.5412,
104.1301

■ 19.7159, 15.0651,
2.1214

■ 61.6876, 70.2057,
104.9075

■ 19.3154, 14.3413,
1.7501

■ 64.1423, 75.1151,
105.7257

Harmonies

Analogous

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



34.3256, 34.2256, 32.9826



33.2847, 34.2256, 31.2375



32.0659, 34.2256, 31.0456

Triad

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



33.2847, 34.2256, 31.2375



30.2790, 34.2256, 38.6185



34.1122, 34.2256, 42.5470

Complementary

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



33.2847, 34.2256, 31.2375



30.7198, 32.9071, 42.2690

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.



32.9993, 34.2256, 44.2660



33.2847, 34.2256, 31.2375



30.7989, 34.2256, 41.9048

Square

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



33.2847, 34.2256, 31.2375



30.3511, 34.2256, 35.1629



31.7876, 34.2256, 44.0238



34.8116, 34.2256, 39.4510

Rectangle

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



33.2847, 34.2256, 31.2375



31.3187, 34.2256, 31.8091



31.7876, 34.2256, 44.0238



33.7729, 34.2256, 43.3136

Sweetspot

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



33.2856, 34.2271, 31.2382



65.2368, 68.2546, 71.0543



32.4501, 30.8277, 36.2881



14.1310, 14.7692, 15.2473



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.



33.2856, 34.2271, 31.2382



57.8969, 59.1400, 51.4508



35.4300, 38.5158, 31.9530



7.8171, 8.1143, 7.9435



14.4487, 10.7946, 1.3220



0.4030, 0.3656, 0.0493

Inverse Universe

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



30.7198, 32.9071, 42.2690



52.3424, 56.2822, 75.3299



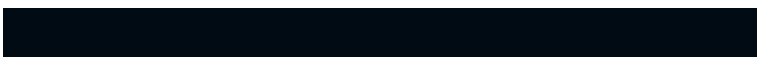
28.7634, 28.9943, 41.6168



7.4423, 7.9215, 9.5551



7.9834, 7.4270, 28.9883



0.2451, 0.2823, 0.7222

Previews

White Background



This preview shows how the XYZ color 33.2847, 34.2256, 31.2375 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 33.2847, 34.2256, 31.2375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

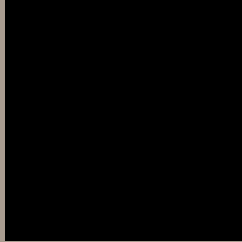
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

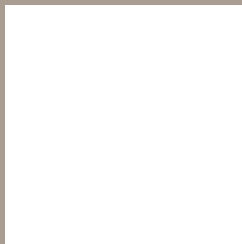
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.2847, 34.2256, 31.2375

Background



This preview shows how black text looks on a background with the XYZ color 33.2847, 34.2256, 31.2375.



This preview shows how white text looks on a background with the XYZ color 33.2847, 34.2256, 31.2375.

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

33.2847, 34.2256, 31.2375

Protanopia

32.6475, 34.3906, 31.7054

Deuteranopia

34.8622, 34.2918, 31.5696



Tritanopia

35.1960, 34.2697, 40.3570

Trichromacy



Original Color

33.2847, 34.2256, 31.2375

Protanomaly

32.8937, 34.2653, 31.6682

Deuteranomaly

34.3456, 34.2695, 31.5925

Tritanomaly

34.4360, 34.2035, 36.6852

Monochromacy



Original Color

33.2847, 34.2256, 31.2375

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.1639, 34.5733, 35.4972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2847, 34.2256, 31.2375 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, 156, 144)` looks like.

```
.text, #text, p{  
    color:rgb(169, 156, 144)  
}
```

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, 156, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 156, 144) }
```

Border

The CSS property to change the border of an element to XYZ 33.2847, 34.2256, 31.2375 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, 156, 144) }
```


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

```
.border{ border-color:rgb(169, 156, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 156, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 156, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 156, 144);  
box-shadow:4px 4px 4px 4px rgb(169, 156,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2847, 34.2256, 31.2375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 156, 144) }
```

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

```
.background{ background-color: rgb(169,  
156, 144) }
```

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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