

Converting Colors

XYZ(33.9929, 34.1370, 42.9932)

Have a look what the booklet for
XYZ(33.9929, 34.1370, 42.9932)
contains.

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Color

**XYZ(33.8773, 34.0264,
42.8124)**

Conversions

Conversions Part 1

Format	Color
Hex	A29BAA
RGB	162, 155, 170
RGB Percent	64%, 61%, 67%
CMY	0.3647, 0.3921, 0.3333
CMYK	0.05, 0.09, 0.00, 0.33
HSL	268°, 8%, 64%
HSV	268°, 9%, 67%
XYZ	33.8773, 34.0264, 42.8124
YIQ	158.8030, -0.6430, 6.1490

Conversions

Conversions Part 2

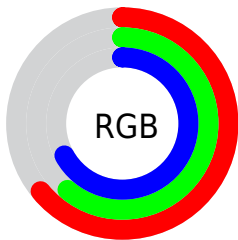
Format	Color
RYB	162, 155, 170
Decimal	10656682
CIELab	64.98, 5.44, -6.89
CIELCh	65, 8.783, 308.285
Yxy	34.0264, 0.3060, 0.3073
Android (android.graphics.Color)	4288846762 (0xFFA29BAA)
YUV	158.8030, 5.5201, 2.8038
Hunter-Lab	58.3322, 1.5854, -2.6829

Details

The XYZ color **33.8773, 34.0264, 42.8124** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3968, 38.9035, 36.6557**, and the grayscale version is **32.8413, 34.5516, 37.6267**.

A 20% lighter version of the original color is **65.0063, 65.7889, 80.5065**, and **14.6507, 14.5236, 19.1707** is the 20% darker color. If you saturate the color by 10%, you get **29.4689, 27.8461, 41.8524**, and if you desaturate by 10%, it is **38.8189, 41.0747, 43.9129**.

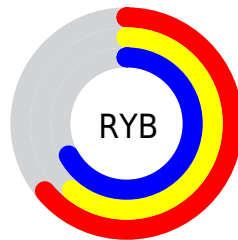
Distribution



Red (64%)

Green (61%)

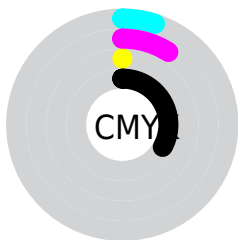
Blue (67%)



Red (64%)

Yellow (61%)

Blue (67%)

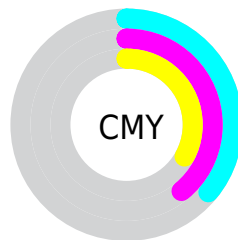


Cyan (5%)

Magenta (9%)

Yellow (0%)

Black (33%)



Cyan (36%)

Magenta (39%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.8773, 34.0264, 42.8124 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 33.8773, 34.0264, 42.8124 by changing the saturation by 10% instead.

■ 33.8773, 34.0264,
42.8124

■ 33.8773, 34.0264,
42.8124

311.1801,
320.2498, 373.7382

■ 22.9618, 22.9139,
29.4076

■ 65.0884, 65.9747,
80.7110

■ 14.6858, 14.5299,
19.1412

■ 86.1147, 87.5793,
106.0419

■ 8.6841, 8.4902,
11.5945

111.2419,
113.4501, 136.1853

■ 4.5911, 4.4102,
6.3490

140.8355,
143.9713, 171.5597

■ 2.0417, 1.9055,
2.9863

175.2607,
179.5275, 212.5837

■ 0.6572, 0.5517,
1.0876

214.8830,

■ 0.0000, 0.0000,

220.5031, 259.6757

0.0000

260.0677,
267.2824, 313.2544

■ 33.8773, 34.0264,
42.8124

■ 33.8773, 34.0264,
42.8124

■ 29.4689, 27.8461,
41.8524

■ 38.8189, 41.0747,
43.9129

■ 25.5714, 22.4950,
41.0249

■ 44.3089, 49.0193,
45.1570

■ 22.1652, 17.9376,
40.3248

■ 50.3658, 57.8923,
46.5505

■ 19.2282, 14.1341,
39.7454

■ 57.0061, 67.7233,
48.0981

■ 16.7364, 11.0413,
39.2798

■ 64.2456, 78.5402,
49.8044

■ 14.6635, 8.6113,
38.9200

■ 71.4568, 89.0842,
51.4595

■ 12.9801, 6.7900,
38.6572

■ 74.2175, 90.5074,
51.5887

■ 11.6520, 5.5144,
38.4810

■ 77.1284, 92.0080,
51.7249

■ 10.6182, 4.6680,
38.3721

■ 80.1919, 93.5873,
51.8683

Harmonies

Analogous

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



32.6941, 34.0264, 44.4072



33.8773, 34.0264, 42.8124



34.6625, 34.0264, 39.6965

Triad

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



33.8773, 34.0264, 42.8124



33.2528, 34.0264, 30.9257



29.9849, 34.0264, 38.0655

Complementary

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



33.8773, 34.0264, 42.8124



35.3968, 38.9035, 36.6557

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.



30.1257, 34.0264, 34.5218



33.8773, 34.0264, 42.8124



31.9906, 34.0264, 30.5521

Square

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



33.8773, 34.0264, 42.8124



34.2954, 34.0264, 32.8838



30.8520, 34.0264, 31.8275



30.4624, 34.0264, 41.5517

Rectangle

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



33.8773, 34.0264, 42.8124



34.8431, 34.0264, 37.2587



30.8520, 34.0264, 31.8275



29.9618, 34.0264, 36.8401

Sweetspot

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



33.8783, 34.0279, 42.8131



66.5178, 68.9175, 78.7984



33.9162, 36.1554, 43.2218



14.6743, 15.1413, 17.5368



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.



33.8783, 34.0279, 42.8131



59.4795, 58.9323, 77.2420



35.3939, 34.8092, 42.8841



7.4521, 7.4656, 9.4666



7.7918, 3.4003, 28.2211



0.2490, 0.1134, 0.6894

Inverse Universe

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



34.9110, 34.6347, 39.4974



61.8369, 60.3178, 69.6600



33.9544, 38.1599, 36.5882



7.6921, 7.6067, 8.6957



13.6022, 6.8496, 7.9827



0.3564, 0.1768, 0.3284

Previews

White Background



This preview shows how the XYZ color 33.8773, 34.0264, 42.8124 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 33.8773, 34.0264, 42.8124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

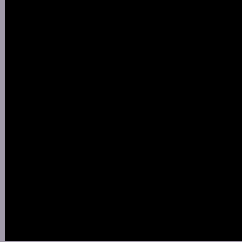
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.8773, 34.0264, 42.8124

Background



This preview shows how black text looks on a background with the XYZ color 33.8773, 34.0264, 42.8124.



This preview shows how white text looks on a background with the XYZ color 33.8773, 34.0264,

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

33.8773, 34.0264, 42.8124

Protanopia

33.3123, 34.2223, 43.3779

Deuteranopia

34.5833, 33.9002, 42.7509



Tritanopia

33.6895, 33.9512, 41.8234

Trichromacy



Original Color

33.8773, 34.0264, 42.8124

Protanomaly

33.5372, 34.0881, 43.3401

Deuteranomaly

34.3284, 34.0128, 42.7860

Tritanomaly

33.7831, 33.9886, 42.3160

Monochromacy



Original Color

33.8773, 34.0264, 42.8124

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.3349, 34.5716, 39.5664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8773, 34.0264, 42.8124 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(162, 155, 170)` looks like.

```
.text, #text, p{  
    color:rgb(162, 155, 170)  
}
```

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(162, 155, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 155, 170) }
```

Border

The CSS property to change the border of an element to XYZ 33.8773, 34.0264, 42.8124 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(162, 155, 170) }
```


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

```
.border{ border-color:rgb(162, 155, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 155, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 155, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 155, 170);  
box-shadow:4px 4px 4px 4px rgb(162, 155,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8773, 34.0264, 42.8124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 155, 170) }
```

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

```
.background{ background-color: rgb(162,  
155, 170) }
```

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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