

Converting Colors

XYZ(34.2933, 34.6829, 43.1640)

Have a look what the booklet for
XYZ(34.2933, 34.6829, 43.1640)
contains.

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Color

**XYZ(34.2130, 34.6976,
42.9243)**

Conversions

Conversions Part 1

Format	Color
Hex	A29DAA
RGB	162, 157, 170
RGB Percent	64%, 62%, 67%
CMY	0.3647, 0.3843, 0.3333
CMYK	0.05, 0.08, 0.00, 0.33
HSL	263°, 7%, 64%
HSV	263°, 8%, 67%
XYZ	34.2130, 34.6976, 42.9243
YIQ	159.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

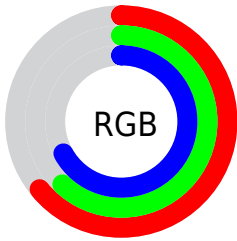
Format	Color
RYB	162, 157, 170
Decimal	10657194
CIELab	65.51, 4.33, -6.11
CIELCh	66, 7.488, 305.317
Yxy	34.6976, 0.3059, 0.3103
Android (android.graphics.Color)	4288847274 (0xFFA29DAA)
YUV	159.9770, 4.9413, 1.7742
Hunter-Lab	58.9047, 0.5932, -1.9718

Details

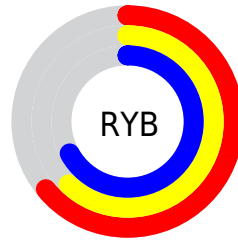
The XYZ color **34.2130, 34.6976, 42.9243** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9788, 39.1840, 37.5670**, and the grayscale version is **33.3822, 35.1207, 38.2464**.

A 20% lighter version of the original color is **65.7494, 67.2749, 80.7542**, and **14.8545, 14.9311, 19.2386** is the 20% darker color. If you saturate the color by 10%, you get **29.4971, 28.2905, 41.9367**, and if you desaturate by 10%, it is **39.5080, 41.9992, 44.0551**.

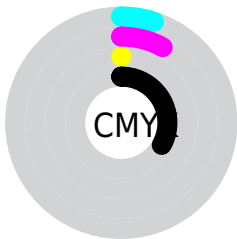
Distribution



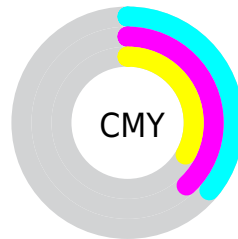
- Red (64%)
- Green (62%)
- Blue (67%)



- Red (64%)
- Yellow (62%)
- Blue (67%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (36%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2130, 34.6976, 42.9243 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 34.2130, 34.6976, 42.9243 by changing the saturation by 10% instead.

■ 34.2130, 34.6976,
42.9243

■ 34.2130, 34.6976,
42.9243

312.6500,
323.2315, 374.2124

■ 23.2209, 23.4300,
29.4948

■ 65.6069, 67.0170,
80.8817

■ 14.8783, 14.9114,
19.2066

■ 86.7394, 88.8377,
106.2467

■ 8.8198, 8.7572,
11.6414

111.9827,
114.9448, 136.4273

■ 4.6800, 4.5832,
6.3804

141.7023,
145.7228, 171.8419

■ 2.0936, 2.0048,
3.0052

176.2635,
181.5561, 212.9092

■ 0.6857, 0.6103,
1.0973

216.0316,

■ 0.0000, 0.0000,

222.8291, 260.0477

0.0000

261.3720,
269.9261, 313.6759

■ 34.2130, 34.6976,
42.9243

■ 34.2130, 34.6976,
42.9243

■ 29.4971, 28.2905,
41.9367

■ 39.5080, 41.9992,
44.0551

■ 25.3365, 22.7384,
41.0843

■ 45.3987, 50.2241,
45.3322

■ 21.7103, 18.0055,
40.3619

■ 51.9048, 59.4050,
46.7614

■ 18.5949, 14.0514,
39.7629

■ 59.0440, 69.5718,
48.3475

■ 15.9648, 10.8323,
39.2802

■ 66.8335, 80.7531,
50.0951

■ 13.7921, 8.3002,
38.9059

■ 73.9987, 90.3946,
51.5785

■ 12.0458, 6.4007,
38.6313

■ 77.3572, 92.1260,
51.7357

■ 10.6902, 5.0710,
38.4461

■ 80.9190, 93.9622,
51.9024

■ 9.6715, 4.2122,
38.3340

■ 84.2558, 95.6823,
52.0585

Harmonies

Analogous

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



33.1748, 34.6976, 44.1169



34.2130, 34.6976, 42.9243



34.9322, 34.6976, 40.3580

Triad

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



34.2130, 34.6976, 42.9243



33.8674, 34.6976, 32.5544



30.9239, 34.6976, 38.3421

Complementary

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



34.2130, 34.6976, 42.9243



35.9788, 39.1840, 37.5670

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.



31.1001, 34.6976, 35.3138



34.2130, 34.6976, 42.9243



32.7840, 34.6976, 32.0806

Square

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



34.2130, 34.6976, 42.9243



34.7296, 34.6976, 34.3954



31.7751, 34.6976, 33.0637



31.2883, 34.6976, 41.3792

Rectangle

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



34.2130, 34.6976, 42.9243



35.1254, 34.6976, 38.2750



31.7751, 34.6976, 33.0637



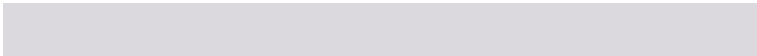
30.9219, 34.6976, 37.2889

Sweetspot

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



34.2140, 34.6991, 42.9251



67.3334, 70.1833, 78.9998



34.6197, 36.9878, 43.3455



15.0397, 15.6844, 17.6224



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.



34.2140, 34.6991, 42.9251



60.7115, 61.0896, 77.5935



35.5653, 35.3957, 42.9883



7.3944, 7.4359, 9.4639



7.0174, 3.0010, 28.1849



0.2280, 0.1026, 0.6884

Inverse Universe

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



35.4272, 35.3781, 40.5603



63.3311, 62.5562, 72.4705



34.6641, 38.5063, 37.5054



7.7178, 7.6170, 8.8312



14.0842, 7.0424, 10.5210



0.3665, 0.1809, 0.3815

Previews

White Background



This preview shows how the XYZ color 34.2130, 34.6976, 42.9243 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 34.2130, 34.6976, 42.9243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

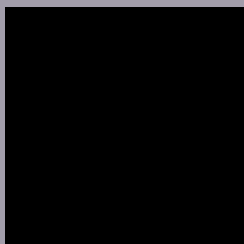
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

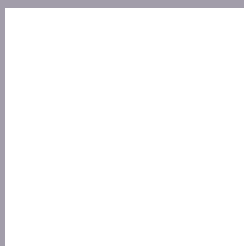
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2130, 34.6976, 42.9243

Background



This preview shows how black text looks on a background with the XYZ color 34.2130, 34.6976, 42.9243.

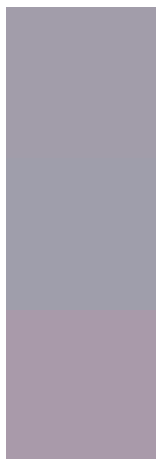


This preview shows how white text looks on a background with the XYZ color 34.2130, 34.6976,

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

34.2130, 34.6976, 42.9243

Protanopia

33.8756, 34.7649, 43.4529

Deuteranopia

35.1735, 34.4485, 42.8256



Tritanopia

34.1187, 34.6599, 42.4279

Trichromacy



Original Color

34.2130, 34.6976, 42.9243

Protanomaly

34.0748, 34.8676, 43.4623

Deuteranomaly

34.7029, 34.4520, 42.8511

Tritanomaly

34.1187, 34.6599, 42.4279

Monochromacy



Original Color

34.2130, 34.6976, 42.9243

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.7969, 35.0537, 40.1067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2130, 34.6976, 42.9243 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, 157, 170)` looks like.

```
.text, #text, p{  
    color:rgb(162, 157, 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, 157, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 157, 170) }
```

Border

The CSS property to change the border of an element to XYZ 34.2130, 34.6976, 42.9243 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, 157, 170) }
```


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

```
.border{ border-color:rgb(162, 157, 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, 157, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 157, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 157, 170);  
box-shadow:4px 4px 4px 4px rgb(162, 157,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2130, 34.6976, 42.9243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 157, 170) }
```

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

```
.background{ background-color: rgb(162,  
157, 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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