

Converting Colors

XYZ(34.2462, 36.7410, 41.2430)

Have a look what the booklet for
XYZ(34.2462, 36.7410, 41.2430)
contains.

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Color

**XYZ(34.2427, 36.8315,
41.3808)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA5A6
RGB	157, 165, 166
RGB Percent	62%, 65%, 65%
CMY	0.3843, 0.3529, 0.3490
CMYK	0.05, 0.01, 0.00, 0.35
HSL	187°, 5%, 63%
HSV	187°, 5%, 65%
XYZ	34.2427, 36.8315, 41.3808
YIQ	162.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

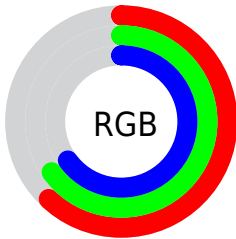
Format	Color
RYB	157, 161, 166
Decimal	10331558
CIELab	67.15, -2.63, -1.51
CIELCh	67, 3.029, 209.820
Yxy	36.8315, 0.3045, 0.3275
Android (android.graphics.Color)	4288521638 (0xFF9DA5A6)
YUV	162.7220, 1.6161, -5.0182
Hunter-Lab	60.6890, -5.4901, 2.0554

Details

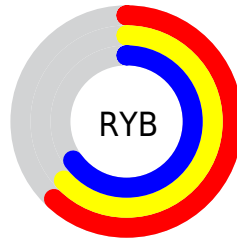
The XYZ color **34.2427, 36.8315, 41.3808** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0387, 34.9948, 36.8596**, and the grayscale version is **34.6769, 36.4828, 39.7298**.

A 20% lighter version of the original color is **65.7957, 70.4039, 78.5281**, and **14.8862, 16.0893, 18.2406** is the 20% darker color. If you saturate the color by 10%, you get **30.8923, 34.6162, 41.1304**, and if you desaturate by 10%, it is **38.0400, 39.2863, 41.6551**.

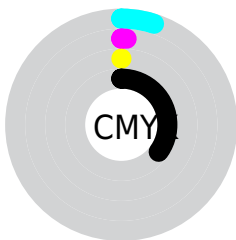
Distribution



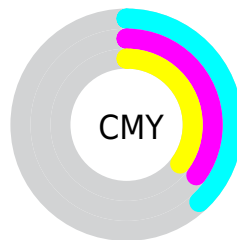
- Red (62%)
- Green (65%)
- Blue (65%)



- Red (62%)
- Yellow (63%)
- Blue (65%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



- Cyan (38%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2427, 36.8315, 41.3808 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 34.2427, 36.8315, 41.3808 by changing the saturation by 10% instead.

■ 34.2427, 36.8315,
41.3808

■ 34.2427, 36.8315,
41.3808

312.7798,
332.5804, 367.6333

■ 23.2439, 25.0771,
28.2948

■ 65.6527, 70.3136,
78.5216

■ 14.8954, 16.1345,
18.3070

■ 86.7946, 92.8100,
103.4134

■ 8.8318, 9.6194,
10.9989

112.0482,
119.6558, 133.0777

■ 4.6879, 5.1473,
5.9520

141.7789,
151.2355, 167.9328

■ 2.0982, 2.3340,
2.7476

176.3521,
187.9334, 208.3974

■ 0.6882, 0.7916,
0.9672

216.1330,

■ 0.0000, 0.0000,

230.1339, 254.8900

0.0000

261.4872,
278.2215, 307.8291

■ 34.2427, 36.8315,
41.3808

■ 34.2427, 36.8315,
41.3808

■ 30.8923, 34.6162,
41.1304

■ 38.0400, 39.2863,
41.6551

■ 27.9681, 32.6266,
40.9005

■ 42.2978, 41.9846,
41.9515

■ 25.4522, 30.8546,
40.6910

■ 47.0328, 44.9361,
42.2716

■ 23.3245, 29.2897,
40.5011

■ 52.2602, 48.1486,
42.6162

■ 21.5628, 27.9204,
40.3297

■ 57.9942, 51.6294,
42.9858

■ 20.1431, 26.7344,
40.1756

■ 63.6568, 55.0807,
43.3535

■ 19.0381, 25.7175,
40.0375

■ 64.0201, 55.8073,
43.4746

■ 18.2164, 24.8536,
39.9141

■ 64.3883, 56.5438,
43.5974

■ 17.6380, 24.1220,
39.8033

■ 64.7615, 57.2901,
43.7218

Harmonies

Analogous

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



34.1270, 36.8315, 40.0952



34.2427, 36.8315, 41.3808



34.5629, 36.8315, 42.3413

Triad

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



34.2427, 36.8315, 41.3808



35.7802, 36.8315, 41.3950



35.0100, 36.8315, 37.6143

Complementary

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



34.2427, 36.8315, 41.3808



34.0387, 34.9948, 36.8596

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.



35.4554, 36.8315, 37.9454



34.2427, 36.8315, 41.3808



35.9025, 36.8315, 40.1112

Square

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



34.2427, 36.8315, 41.3808



35.4505, 36.8315, 42.3496



35.7831, 36.8315, 38.8523



34.5677, 36.8315, 37.9377

Rectangle

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



34.2427, 36.8315, 41.3808



34.8506, 36.8315, 42.6579



35.7831, 36.8315, 38.8523



35.1644, 36.8315, 37.6526

Sweetspot

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



34.2438, 36.8331, 41.3816



64.3880, 68.3055, 75.2660



33.7044, 36.9063, 37.6505



14.4261, 15.2967, 16.8444



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.



34.2438, 36.8331, 41.3816



61.0527, 66.1302, 75.0219



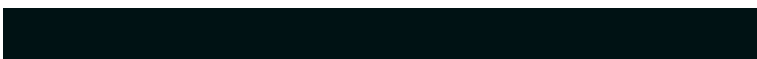
33.4633, 35.2721, 41.1214



7.8248, 8.4862, 9.6439



13.5220, 18.5043, 30.8345



0.3484, 0.4891, 0.7567

Inverse Universe

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



34.5752, 34.9383, 40.5205



61.8371, 61.6663, 72.9797



34.8032, 36.5238, 37.1144



7.9298, 7.8890, 9.3704



16.3259, 7.9391, 22.3255



0.4070, 0.1971, 0.5948

Previews

White Background



This preview shows how the XYZ color 34.2427, 36.8315, 41.3808 looks on a white background.

Color Contrast Check

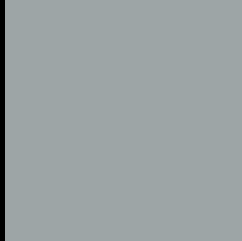
Large Text (above 18pt) WCAG AA × Fail

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 34.2427, 36.8315, 41.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

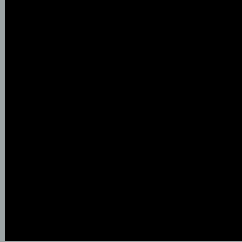
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

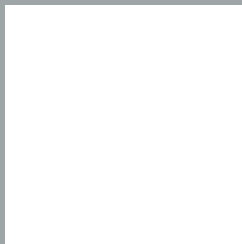
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2427, 36.8315, 41.3808

Background



This preview shows how black text looks on a background with the XYZ color 34.2427, 36.8315, 41.3808.

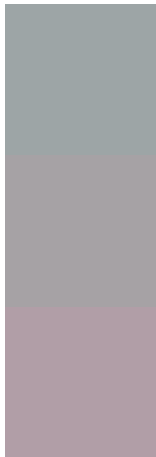


This preview shows how white text looks on a background with the XYZ color 34.2427, 36.8315,

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

34.2427, 36.8315, 41.3808

Protanopia

35.4377, 36.6643, 40.8065

Deuteranopia

37.3334, 36.5909, 41.6543



Tritanopia

35.2317, 36.6999, 46.3012

Trichromacy



Original Color

34.2427, 36.8315, 41.3808

Protanomaly

34.9930, 36.6975, 40.8363

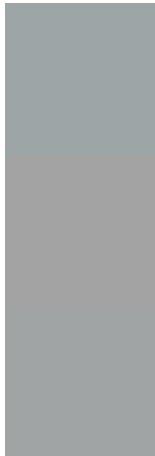
Deuteranomaly

36.2975, 36.8258, 41.7542

Tritanomaly

34.8224, 36.7986, 44.2972

Monochromacy



Original Color

34.2427, 36.8315, 41.3808

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6742, 36.8083, 40.3991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2427, 36.8315, 41.3808 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(157, 165, 166) looks like.

```
.text, #text, p{  
    color:rgb(157, 165, 166)  
}
```

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(157, 165, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 165, 166) }
```

Border

The CSS property to change the border of an element to XYZ 34.2427, 36.8315, 41.3808 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(157, 165, 166) }
```


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

```
.border{ border-color:rgb(157, 165, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 165, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 165, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 165, 166);  
box-shadow:4px 4px 4px 4px rgb(157, 165,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2427, 36.8315, 41.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 165, 166) }
```

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

```
.background{ background-color: rgb(157,  
165, 166) }
```

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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