

Converting Colors

XYZ(34.4760, 37.0120, 43.7801)

Have a look what the booklet for
XYZ(34.4760, 37.0120, 43.7801)
contains.

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Color

**XYZ(34.3234, 36.8191,
43.8258)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA5AB
RGB	155, 165, 171
RGB Percent	61%, 65%, 67%
CMY	0.3922, 0.3529, 0.3294
CMYK	0.09, 0.04, 0.00, 0.33
HSL	202°, 9%, 64%
HSV	202°, 9%, 67%
XYZ	34.3234, 36.8191, 43.8258
YIQ	162.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

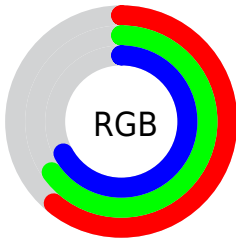
Format	Color
R _Y B	155, 161, 171
Decimal	10200491
CIE Lab	67.14, -2.31, -4.32
CIE LCh	67, 4.899, 241.885
Yxy	36.8191, 0.2985, 0.3203
Android (android.graphics.Color)	4288390571 (0xFF9BA5AB)
YUV	162.6940, 4.0949, -6.7476
Hunter-Lab	60.6787, -5.2179, -0.3476

Details

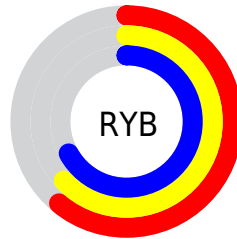
The XYZ color **34.3234, 36.8191, 43.8258** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4560, 36.5140, 36.1902**, and the grayscale version is **34.6534, 36.4580, 39.7028**.

A 20% lighter version of the original color is **65.6152, 70.2327, 82.0495**, and **14.9438, 16.0852, 19.7699** is the 20% darker color. If you saturate the color by 10%, you get **30.1441, 32.9920, 43.3079**, and if you desaturate by 10%, it is **39.0275, 41.0048, 44.3864**.

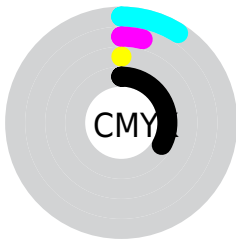
Distribution



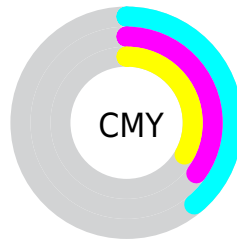
- Red (61%)
- Green (65%)
- Blue (67%)



- Red (61%)
- Yellow (63%)
- Blue (67%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3234, 36.8191, 43.8258 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 34.3234, 36.8191, 43.8258 by changing the saturation by 10% instead.

■ 34.3234, 36.8191,
43.8258

■ 34.3234, 36.8191,
43.8258

313.1323,
332.5267, 378.0175

■ 23.3062, 25.0675,
30.1974

■ 65.7772, 70.2945,
82.2552

■ 14.9417, 16.1273,
19.7351

■ 86.9446, 92.7870,
107.8933

■ 8.8645, 9.6143,
12.0205

112.2260,
119.6286, 138.3718

■ 4.7093, 5.1440,
6.6349

141.9869,
151.2037, 174.1090

■ 2.1107, 2.3320,
3.1599

176.5927,
187.8966, 215.5237

■ 0.6950, 0.7906,
1.1768

216.4086,

■ 0.0000, 0.0000,

230.0918, 263.0343

0.0000

261.8000,
278.1737, 317.0594

■ 34.3234, 36.8191,
43.8258

■ 34.3234, 36.8191,
43.8258

■ 30.1441, 32.9920,
43.3079

■ 39.0275, 41.0048,
44.3864

■ 26.4662, 29.5072,
42.8291

■ 44.2725, 45.5556,
44.9883

■ 23.2692, 26.3537,
42.3890

■ 50.0773, 50.4834,
45.6335

■ 20.5296, 23.5183,
41.9861

■ 56.4593, 55.7984,
46.3231

■ 18.2220, 20.9865,
41.6190

■ 63.4350, 61.5103,
47.0579

■ 16.3183, 18.7424,
41.2862

■ 70.0563, 67.1313,
47.7939

■ 14.7868, 16.7682,
40.9859

■ 71.6060, 70.2308,
48.3105

■ 13.5903, 15.0434,
40.7160

■ 73.2192, 73.4571,
48.8482

■ 12.6551, 13.5285,
40.4729

■ 74.8965, 76.8117,
49.4073

Harmonies

Analogous

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



33.7908, 36.8191, 42.3005



34.3234, 36.8191, 43.8258



35.0427, 36.8191, 44.3402

Triad

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



34.3234, 36.8191, 43.8258



36.4497, 36.8191, 39.9547



34.2427, 36.8191, 36.6996

Complementary

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



34.3234, 36.8191, 43.8258



35.4560, 36.5140, 36.1902

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.



34.9483, 36.8191, 36.1200



34.3234, 36.8191, 43.8258



36.2284, 36.8191, 37.9574

Square

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



34.3234, 36.8191, 43.8258



36.2768, 36.8191, 42.0583



35.6762, 36.8191, 36.5723



33.7447, 36.8191, 38.1836

Rectangle

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



34.3234, 36.8191, 43.8258



35.5332, 36.8191, 44.0265



35.6762, 36.8191, 36.5723



34.4632, 36.8191, 36.3950

Sweetspot

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



34.3245, 36.8206, 43.8266



66.6705, 70.5910, 79.1134



34.5024, 38.6635, 39.3016



14.7171, 15.6083, 17.6247



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.



34.3245, 36.8206, 43.8266



60.0272, 64.6355, 78.3140



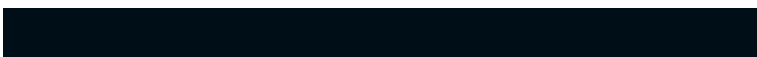
32.9485, 34.0686, 43.3679



7.9802, 8.5598, 10.1843



9.5489, 10.2316, 30.5161



0.3159, 0.3852, 0.8657

Inverse Universe

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



35.3083, 34.8180, 40.4587



62.1186, 60.4305, 71.1432



36.8747, 39.3514, 36.6631



8.2078, 8.0964, 9.4052



14.6835, 7.3359, 11.2446



0.4338, 0.2142, 0.4464

Previews

White Background



This preview shows how the XYZ color 34.3234, 36.8191, 43.8258 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 34.3234, 36.8191, 43.8258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

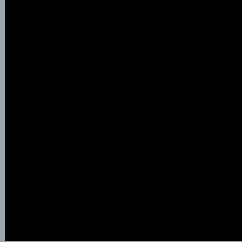
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3234, 36.8191, 43.8258

Background



This preview shows how black text looks on a background with the XYZ color 34.3234, 36.8191, 43.8258.



This preview shows how white text looks on a background with the XYZ color 34.3234, 36.8191,

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

34.3234, 36.8191, 43.8258

Protanopia

35.3916, 36.5977, 42.7349

Deuteranopia

37.3525, 36.5462, 44.1152



Tritanopia

34.9216, 36.7932, 46.8562

Trichromacy



Original Color

34.3234, 36.8191, 43.8258

Protanomaly

35.0508, 36.6737, 43.2616

Deuteranomaly

36.3397, 36.7931, 44.2162

Tritanomaly

34.7236, 36.7140, 45.8138

Monochromacy



Original Color

34.3234, 36.8191, 43.8258

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6556, 36.7777, 41.3486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3234, 36.8191, 43.8258 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(155, 165, 171)` looks like.

```
.text, #text, p{  
    color:rgb(155, 165, 171)  
}
```

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(155, 165, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 165, 171) }
```

Border

The CSS property to change the border of an element to XYZ 34.3234, 36.8191, 43.8258 is called "border". The border property can be set on classes, ids or directly on the HTML element.

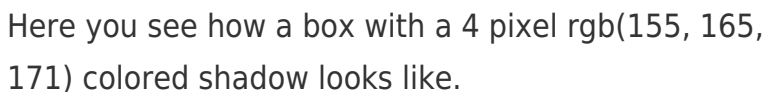
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 165, 171) }
```


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

```
.border{ border-color:rgb(155, 165, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 165, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 165, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 165, 171); box-shadow:4px 4px 4px 4px rgb(155, 165, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3234, 36.8191, 43.8258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 165, 171) }
```

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

```
.background{ background-color: rgb(155,  
165, 171) }
```

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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