

Converting Colors

XYZ(34.3474, 35.3226, 43.5530)

Have a look what the booklet for
XYZ(34.3474, 35.3226, 43.5530)
contains.

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Color

**XYZ(34.2460, 35.2101,
43.5194)**

Conversions

Conversions Part 1

Format	Color
Hex	A09FAB
RGB	160, 159, 171
RGB Percent	63%, 62%, 67%
CMY	0.3725, 0.3765, 0.3294
CMYK	0.06, 0.07, 0.00, 0.33
HSL	245°, 7%, 65%
HSV	245°, 7%, 67%
XYZ	34.2460, 35.2101, 43.5194
YIQ	160.6670, -3.2560, 3.9440

Conversions

Conversions Part 2

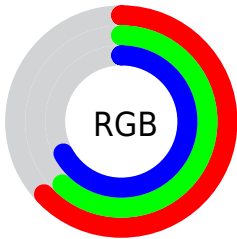
Format	Color
RYB	160, 159, 171
Decimal	10526635
CIELab	65.91, 2.72, -6.10
CIElCh	66, 6.676, 294.059
Yxy	35.2101, 0.3031, 0.3117
Android (android.graphics.Color)	4288716715 (0xFFA09FAB)
YUV	160.6670, 5.0942, -0.5850
Hunter-Lab	59.3381, -0.8234, -1.9475

Details

The XYZ color **34.2460, 35.2101, 43.5194** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3998, 40.1761, 38.5862**, and the grayscale version is **33.7008, 35.4559, 38.6115**.

A 20% lighter version of the original color is **65.7984, 68.0312, 81.6149**, and **14.9990, 15.3082, 19.6170** is the 20% darker color. If you saturate the color by 10%, you get **28.5675, 28.2161, 42.4692**, and if you desaturate by 10%, it is **40.7286, 43.2245, 44.7252**.

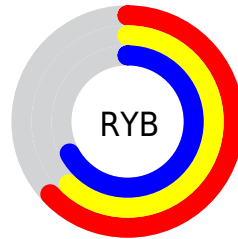
Distribution



Red (63%)

Green (62%)

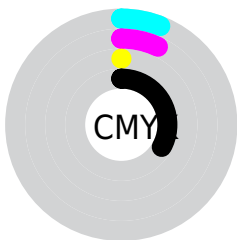
Blue (67%)



Red (63%)

Yellow (62%)

Blue (67%)

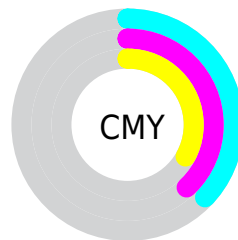


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (33%)



Cyan (37%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2460, 35.2101, 43.5194 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 34.2460, 35.2101, 43.5194 by changing the saturation by 10% instead.

■ 34.2460, 35.2101,
43.5194

■ 34.2460, 35.2101,
43.5194

312.7942,
325.4947, 376.7272

■ 23.2464, 23.8248,
29.9584

■ 65.6578, 67.8111,
81.7888

■ 14.8973, 15.2037,
19.5553

■ 86.8007, 89.7956,
107.3344

■ 8.8332, 8.9625,
11.8913

112.0555,
116.0819, 137.7118

■ 4.6888, 4.7167,
6.5481

141.7874,
147.0544, 173.3398

■ 2.0987, 2.0820,
3.1070

176.3619,
183.0976, 214.6368

■ 0.6885, 0.6545,
1.1495

216.1443,

■ 0.0000, 0.0000,

224.5958, 262.0213

0.0000

261.5000,
271.9333, 315.9120

■ 34.2460, 35.2101,
43.5194

■ 34.2460, 35.2101,
43.5194

■ 28.5675, 28.2161,
42.4692

■ 40.7286, 43.2245,
44.7252

■ 23.6589, 22.1972,
41.5662

■ 48.0419, 52.2934,
46.0902

■ 19.4878, 17.1114,
40.8044

■ 56.2149, 62.4545,
47.6207

■ 16.0185, 12.9120,
40.1767

■ 65.2742, 73.7426,
49.3221

■ 13.2123, 9.5482,
39.6753

■ 75.2456, 86.1909,
51.1993

■ 11.0267, 6.9637,
39.2916

■ 84.0101, 95.5447,
52.5428

■ 9.4142, 5.0959,
39.0161

■ 84.3508, 95.7203,
52.5588

■ 8.3204, 3.8718,
38.8375

■ 7.6727, 3.1885,
38.7397

Harmonies

Analogous

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



33.2700, 35.2101, 44.0033



34.2460, 35.2101, 43.5194



35.0267, 35.2101, 41.6182

Triad

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



34.2460, 35.2101, 43.5194



34.5928, 35.2101, 34.1026



31.6133, 35.2101, 37.7778

Complementary

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



34.2460, 35.2101, 43.5194



37.3998, 40.1761, 38.5862

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.



31.9527, 35.2101, 35.2345



34.2460, 35.2101, 43.5194



33.6630, 35.2101, 33.1807

Square

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



34.2460, 35.2101, 43.5194



35.2296, 35.2101, 36.1639



32.6982, 35.2101, 33.5848



31.7625, 35.2101, 40.5971

Rectangle

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



34.2460, 35.2101, 43.5194



35.3248, 35.2101, 39.8504



32.6982, 35.2101, 33.5848



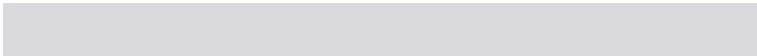
31.6739, 35.2101, 36.8640

Sweetspot

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



34.2470, 35.2116, 43.5202



66.9324, 69.9766, 78.9810



36.0621, 39.1366, 44.1821



14.9551, 15.6408, 17.6184



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.



34.2470, 35.2116, 43.5202



60.1183, 61.5616, 77.7159



35.4341, 35.8235, 43.5757



7.6383, 7.7879, 10.0533



5.7002, 2.2984, 29.1877



0.1780, 0.0740, 0.8129

Inverse Universe

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



36.4497, 36.3580, 43.1288



64.6633, 63.9273, 76.9015



36.1732, 39.5437, 38.5288



8.3079, 8.1364, 9.9323



17.2439, 8.3601, 24.7274



0.4880, 0.2359, 0.7313

Previews

White Background



This preview shows how the XYZ color 34.2460, 35.2101, 43.5194 looks on a white background.

Color Contrast Check

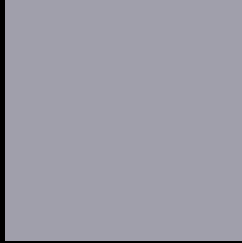
Large Text (above 18pt) WCAG AA × Fail

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 34.2460, 35.2101, 43.5194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

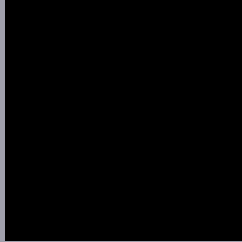
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

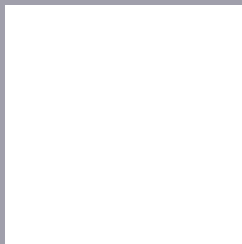
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2460, 35.2101, 43.5194

Background



This preview shows how black text looks on a background with the XYZ color 34.2460, 35.2101, 43.5194.



This preview shows how white text looks on a background with the XYZ color 34.2460, 35.2101,

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

34.2460, 35.2101, 43.5194

Protanopia

34.2460, 35.2101, 43.5194

Deuteranopia

35.7453, 34.9673, 43.8951



Tritanopia

34.2460, 35.2101, 43.5194

Trichromacy



Original Color

34.2460, 35.2101, 43.5194

Protanomaly

34.2460, 35.2101, 43.5194

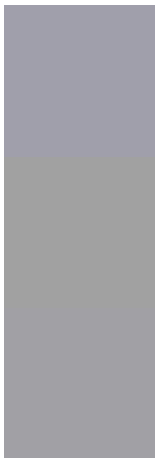
Deuteranomaly

35.0607, 34.8625, 43.9110

Tritanomaly

34.2460, 35.2101, 43.5194

Monochromacy



Original Color

34.2460, 35.2101, 43.5194

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.0603, 35.4353, 40.6418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2460, 35.2101, 43.5194 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(160, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(160, 159, 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(160, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 159, 171) }
```

Border

The CSS property to change the border of an element to XYZ 34.2460, 35.2101, 43.5194 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(160, 159, 171) }
```


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

```
.border{ border-color:rgb(160, 159, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 159, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 159, 171);  
box-shadow:4px 4px 4px 4px rgb(160, 159,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2460, 35.2101, 43.5194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 159, 171) }
```

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

```
.background{ background-color: rgb(160,  
159, 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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