

Converting Colors

XYZ(34.5009, 33.1236, 42.9841)

Have a look what the booklet for
XYZ(34.5009, 33.1236, 42.9841)
contains.

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Color

**XYZ(34.6192, 33.1880,
43.1094)**

Conversions

Conversions Part 1

Format	Color
Hex	A996AB
RGB	169, 150, 171
RGB Percent	66%, 59%, 67%
CMY	0.3373, 0.4117, 0.3294
CMYK	0.01, 0.12, 0.00, 0.33
HSL	294°, 11%, 63%
HSV	294°, 12%, 67%
XYZ	34.6192, 33.1880, 43.1094
YIQ	158.0750, 4.5830, 10.5590

Conversions

Conversions Part 2

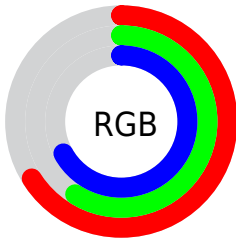
Format	Color
RYB	169, 150, 171
Decimal	11114155
CIELab	64.31, 10.90, -8.39
CIELCh	64, 13.756, 322.423
Yxy	33.1880, 0.3121, 0.2992
Android (android.graphics.Color)	4289304235 (0xFFA996AB)
YUV	158.0750, 6.3720, 9.5812
Hunter-Lab	57.6090, 6.4509, -4.0410

Details

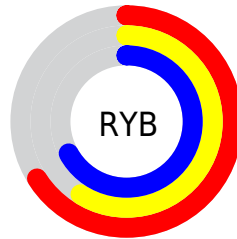
The XYZ color **34.6192, 33.1880, 43.1094** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0181, 38.0042, 34.4512**, and the grayscale version is **32.5048, 34.1976, 37.2411**.

A 20% lighter version of the original color is **66.0608, 64.5240, 80.9241**, and **15.1277, 14.0375, 19.3650** is the 20% darker color. If you saturate the color by 10%, you get **31.7403, 27.9452, 42.2497**, and if you desaturate by 10%, it is **37.9027, 39.2323, 44.1035**.

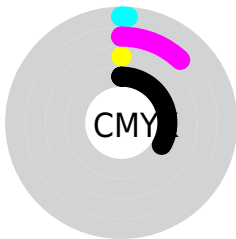
Distribution



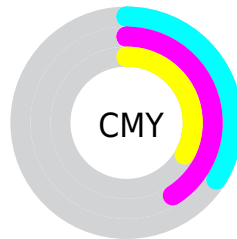
- Red (66%)
- Green (59%)
- Blue (67%)



- Red (66%)
- Yellow (59%)
- Blue (67%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (34%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6192, 33.1880, 43.1094 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 34.6192, 33.1880, 43.1094 by changing the saturation by 10% instead.

■ 34.6192, 33.1880,
43.1094

■ 34.6192, 33.1880,
43.1094

314.4218,
316.4960, 374.9959

■ 23.5348, 22.2705,
29.6389

■ 66.2333, 64.6689,
81.1641

■ 15.1118, 14.0558,
19.3150

■ 87.4938, 86.0012,
106.5853

■ 8.9847, 8.1595,
11.7190

112.8771,
111.5738, 136.8272

■ 4.7882, 4.1972,
6.4324

142.7484,
141.7711, 172.3084

■ 2.1570, 1.7845,
3.0367

177.4732,
176.9776, 213.4473

■ 0.7199, 0.4775,
1.1134

217.4168,

■ 0.0000, 0.0000,

217.5777, 260.6625

0.0000

262.9445,
263.9557, 314.3725

■ 34.6192, 33.1880,
43.1094

■ 34.6192, 33.1880,
43.1094

■ 31.7403, 27.9452,
42.2497

■ 37.9027, 39.2323,
44.1035

■ 29.2457, 23.4652,
41.5164

■ 41.6038, 46.1062,
45.2352

■ 27.1181, 19.7127,
40.9042

■ 45.7390, 53.8414,
46.5103

■ 25.3374, 16.6476,
40.4065

■ 50.3226, 62.4670,
47.9337

■ 23.8818, 14.2263,
40.0158

■ 55.3684, 72.0105,
49.5098

■ 22.7268, 12.4000,
39.7242

■ 60.8896, 82.4984,
51.2432

■ 21.8446, 11.1128,
39.5222

■ 62.0271, 84.2121,
51.5140

■ 21.2018, 10.2983,
39.3989

■ 62.4097, 84.4093,
51.5319

■ 20.8132, 9.8805,
39.3387

■ 62.7968, 84.6088,
51.5500

Harmonies

Analogous

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



33.0004, 33.1880, 47.0333



34.6192, 33.1880, 43.1094



35.4204, 33.1880, 37.5748

Triad

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



34.6192, 33.1880, 43.1094



32.0426, 33.1880, 26.4776



28.1943, 33.1880, 40.4015

Complementary

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



34.6192, 33.1880, 43.1094



33.0181, 38.0042, 34.4512

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.



27.9616, 33.1880, 34.7345



34.6192, 33.1880, 43.1094



30.1315, 33.1880, 27.0672

Square

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



34.6192, 33.1880, 43.1094



33.8934, 33.1880, 28.2554



28.6569, 33.1880, 29.9585



29.3062, 33.1880, 45.3607

Rectangle

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



34.6192, 33.1880, 43.1094



35.3608, 33.1880, 33.8685



28.6569, 33.1880, 29.9585



28.0126, 33.1880, 38.5027

Sweetspot

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



34.6202, 33.1894, 43.1101



66.7732, 68.2152, 78.6494



31.1743, 31.9149, 43.0457



14.7905, 15.0273, 17.5087



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.



34.6202, 33.1894, 43.1101



60.3878, 56.4879, 76.7224



34.2771, 33.1021, 39.0465



8.2608, 8.1087, 10.0824



15.7140, 7.4607, 29.6564



0.4584, 0.2185, 0.8260

Inverse Universe

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



33.3696, 32.7392, 34.2681



57.6699, 55.5118, 57.3949



33.3478, 38.0932, 38.1250



8.0351, 8.0273, 8.4956



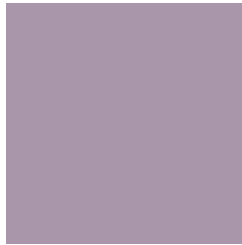
12.7422, 6.5594, 1.0218



0.3642, 0.1864, 0.0796

Previews

White Background



This preview shows how the XYZ color 34.6192, 33.1880, 43.1094 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 34.6192, 33.1880, 43.1094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

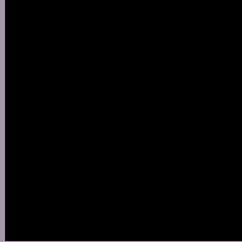
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6192, 33.1880, 43.1094

Background



This preview shows how black text looks on a background with the XYZ color 34.6192, 33.1880, 43.1094.



This preview shows how white text looks on a background with the XYZ color 34.6192, 33.1880,

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

34.6192, 33.1880, 43.1094

Protanopia

32.4982, 33.2710, 44.7535

Deuteranopia

33.8888, 33.2893, 43.1674



Tritanopia

33.8259, 33.1024, 39.2569

Trichromacy



Original Color

34.6192, 33.1880, 43.1094

Protanomaly

33.2321, 33.1705, 44.1862

Deuteranomaly

34.1432, 33.1805, 43.1330

Tritanomaly

34.0980, 33.2112, 40.6896

Monochromacy



Original Color

34.6192, 33.1880, 43.1094

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.2325, 33.7684, 39.4167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6192, 33.1880, 43.1094 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(169, 150, 171)` looks like.

```
.text, #text, p{  
    color:rgb(169, 150, 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(169, 150, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 150, 171) }
```

Border

The CSS property to change the border of an element to XYZ 34.6192, 33.1880, 43.1094 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(169, 150, 171) }
```


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

```
.border{ border-color:rgb(169, 150, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 150, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 150, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 150, 171);  
box-shadow:4px 4px 4px 4px rgb(169, 150,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6192, 33.1880, 43.1094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 150, 171) }
```

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

```
.background{ background-color: rgb(169,  
150, 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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