

Converting Colors

XYZ(34.0112, 30.1630, 43.1620)

Have a look what the booklet for
XYZ(34.0112, 30.1630, 43.1620)
contains.

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Color

**XYZ(33.9904, 30.1542,
43.0586)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8AAC
RGB	174, 138, 172
RGB Percent	68%, 54%, 67%
CMY	0.3176, 0.4588, 0.3255
CMYK	0.00, 0.21, 0.01, 0.32
HSL	303°, 18%, 61%
HSV	303°, 21%, 68%
XYZ	33.9904, 30.1542, 43.0586
YIQ	152.6400, 10.5420, 18.2060

Conversions

Conversions Part 2

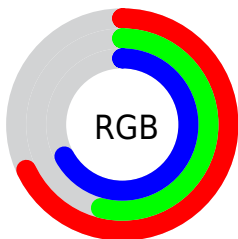
Format	Color
RYB	174, 138, 172
Decimal	11438764
CIELab	61.79, 19.61, -12.69
CIELCh	62, 23.359, 327.106
Yxy	30.1542, 0.3171, 0.2813
Android (android.graphics.Color)	4289628844 (0xFFAE8AAC)
YUV	152.6400, 9.5445, 18.7327
Hunter-Lab	54.9128, 14.3919, -8.0519

Details

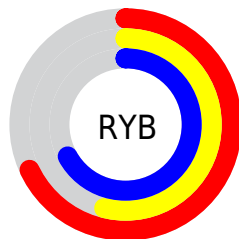
The XYZ color **33.9904, 30.1542, 43.0586** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **30.3521, 37.5696, 30.4645**, and the grayscale version is **30.0793, 31.6458, 34.4623**.

A 20% lighter version of the original color is **65.3479, 60.0683, 80.8232**, and **14.7650, 12.4005, 19.3846** is the 20% darker color. If you saturate the color by 10%, you get **31.5991, 25.5191, 41.8054**, and if you desaturate by 10%, it is **36.7842, 35.5921, 44.4500**.

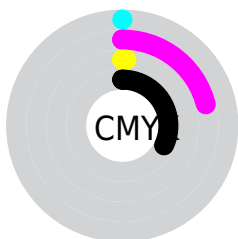
Distribution



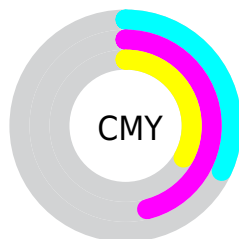
- Red (68%)
- Green (54%)
- Blue (67%)



- Red (68%)
- Yellow (54%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (1%)
- Black (32%)





- Cyan (32%)
- Magenta (46%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.9904, 30.1542, 43.0586 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 33.9904, 30.1542, 43.0586 by changing the saturation by 10% instead.


 33.9904, 30.1542,
43.0586


 33.9904, 30.1542,
43.0586


311.6759,
302.6226, 374.7810


 23.0491, 19.9557,
29.5994


 65.2631, 59.9060,
81.0866

 14.7506, 12.3628,
19.2852


 86.3252, 80.2280,
106.4924

 8.7297, 6.9913,
11.6977


 111.4917,
104.6932, 136.7175

 4.6210, 3.4566,
6.4181

141.1278,
133.6862, 172.1804

 2.0591, 1.3745,
3.0281

175.5989,
167.5912, 213.2997

 0.6668, 0.1978,
1.1090

215.2704,

 0.0000, 0.0000,

206.7927, 260.4938

0.0000

260.5076,
251.6750, 314.1814

■ 33.9904, 30.1542,
43.0586

■ 33.9904, 30.1542,
43.0586

■ 31.5991, 25.5191,
41.8054

■ 36.7842, 35.5921,
44.4500

■ 29.5884, 21.6447,
40.6820

■ 39.9954, 41.8644,
45.9835

■ 27.9388, 18.4914,
39.6824

■ 43.6417, 49.0056,
47.6654

■ 26.6278, 16.0142,
38.7989

■ 47.7387, 57.0473,
49.5009

■ 25.6303, 14.1630,
38.0232

■ 52.3015, 66.0194,
51.4950

■ 24.9179, 12.8808,
37.3458

■ 57.3444, 75.9506,
53.6525

■ 24.4569, 12.1005,
36.7556

■ 61.3290, 83.7641,
55.4607

■ 24.1868, 11.6912,
36.2619

■ 61.4270, 83.8033,
55.9766

■ 61.5256, 83.8427,
56.4962

Harmonies

Analogous

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



31.4776, 30.1542, 50.5937



33.9904, 30.1542, 43.0586



35.0690, 30.1542, 33.7065

Triad

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



33.9904, 30.1542, 43.0586



28.9641, 30.1542, 18.5069



23.6523, 30.1542, 41.2861

Complementary

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



33.9904, 30.1542, 43.0586



30.3521, 37.5696, 30.4645

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.



23.0848, 30.1542, 31.9743



33.9904, 30.1542, 43.0586



26.0170, 30.1542, 19.8070

Square

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



33.9904, 30.1542, 43.0586



32.0384, 30.1542, 20.4319



23.9194, 30.1542, 24.3695



25.5290, 30.1542, 49.4470

Rectangle

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



33.9904, 30.1542, 43.0586



34.7755, 30.1542, 28.0408



23.9194, 30.1542, 24.3695



23.3083, 30.1542, 38.1418

Sweetspot

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



33.9913, 30.1555, 43.0592



69.2949, 69.5806, 81.8689



27.5114, 26.7926, 43.7663



15.3203, 15.3063, 18.1573



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.9913, 30.1555, 43.0592



59.5045, 50.5228, 76.9929



32.3945, 29.5168, 34.6504



8.3176, 8.1403, 9.9831



17.5500, 8.4825, 26.3394



0.4939, 0.2382, 0.7627

Inverse Universe

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



33.9913, 30.1555, 43.0592



59.5045, 50.5228, 76.9929



31.7727, 38.1379, 37.9454



8.3176, 8.1403, 9.9831



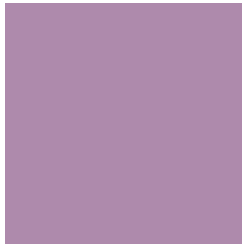
17.5500, 8.4825, 26.3394



0.4939, 0.2382, 0.7627

Previews

White Background



This preview shows how the XYZ color 33.9904, 30.1542, 43.0586 looks on a white background.

Color Contrast Check

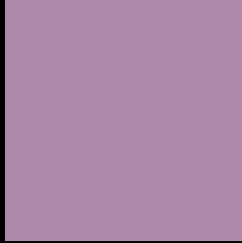
Large Text (above 18pt) WCAG AA × Fail

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 33.9904, 30.1542, 43.0586 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 33.9904, 30.1542, 43.0586

Background



This preview shows how black text looks on a background with the XYZ color 33.9904, 30.1542, 43.0586.



This preview shows how white text looks on a background with the XYZ color 33.9904, 30.1542,

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

33.9904, 30.1542, 43.0586

Protanopia

30.0543, 30.2741, 46.9073

Deuteranopia

30.9560, 30.3681, 42.7581



Tritanopia

31.9870, 29.9747, 33.8056

Trichromacy



Original Color

33.9904, 30.1542, 43.0586

Protanomaly

31.1362, 29.9511, 45.2144

Deuteranomaly

31.8711, 30.1623, 42.6702

Tritanomaly

32.6493, 30.0300, 36.8765

Monochromacy



Original Color

33.9904, 30.1542, 43.0586

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.6330, 31.2949, 37.6310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9904, 30.1542, 43.0586 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(174, 138, 172)` looks like.

```
.text, #text, p{  
    color:rgb(174, 138, 172)  
}
```

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(174, 138, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 138, 172) }
```

Border

The CSS property to change the border of an element to XYZ 33.9904, 30.1542, 43.0586 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(174, 138, 172) }
```


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

```
.border{ border-color:rgb(174, 138, 172) }
```

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

Here you see how a box with a 4 pixel rgb(174, 138, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 138, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 138, 172);  
box-shadow:4px 4px 4px 4px rgb(174, 138,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9904, 30.1542, 43.0586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 138, 172) }
```

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

```
.background{ background-color: rgb(174,  
138, 172) }
```

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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