

Converting Colors

XYZ(35.0828, 31.2996, 44.4424)

Have a look what the booklet for
XYZ(35.0828, 31.2996, 44.4424)
contains.

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Color

**XYZ(35.0694, 31.3359,
44.2445)**

Conversions

Conversions Part 1

Format	Color
Hex	B08DAE
RGB	176, 141, 174
RGB Percent	69%, 55%, 68%
CMY	0.3098, 0.4470, 0.3176
CMYK	0.00, 0.20, 0.01, 0.31
HSL	303°, 18%, 62%
HSV	303°, 20%, 69%
XYZ	35.0694, 31.3359, 44.2445
YIQ	155.2270, 10.2670, 17.6830

Conversions

Conversions Part 2

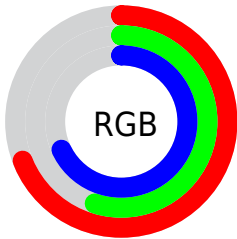
Format	Color
R _{YB}	176, 141, 174
Decimal	11570606
CIE _{Lab}	62.79, 19.01, -12.29
CIE _{LCh}	63, 22.635, 327.108
Yxy	31.3359, 0.3169, 0.2832
Android (android.graphics.Color)	4289760686 (0xFFB08DAE)
YUV	155.2270, 9.2551, 18.2179
Hunter-Lab	55.9785, 13.8644, -7.6769

Details

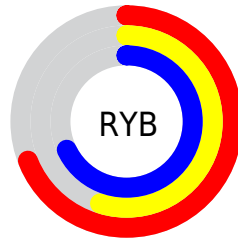
The XYZ color **35.0694, 31.3359, 44.2445** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.4691, 38.6975, 31.7992**, and the grayscale version is **31.2142, 32.8397, 35.7625**.

A 20% lighter version of the original color is **67.0767, 61.8992, 83.2753**, and **15.4223, 13.0983, 20.1277** is the 20% darker color. If you saturate the color by 10%, you get **32.5803, 26.5136, 42.9331**, and if you desaturate by 10%, it is **37.9735, 36.9861, 45.6986**.

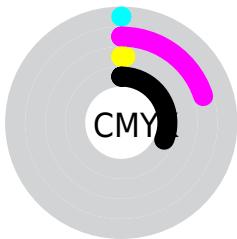
Distribution



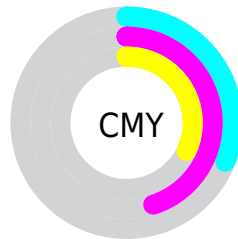
- Red (69%)
- Green (55%)
- Blue (68%)



- Red (69%)
- Yellow (55%)
- Blue (68%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (31%)





- Cyan (31%)
- Magenta (45%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0694, 31.3359, 44.2445 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 35.0694, 31.3359, 44.2445 by changing the saturation by 10% instead.

 35.0694, 31.3359,
44.2445


 35.0694, 31.3359,
44.2445


316.3772,
308.0828, 379.7756


 23.8831, 20.8548,
30.5242


 66.9266, 61.7685,
82.8919

 15.3712, 13.0179,
19.9814


 88.3282, 82.4888,
108.6561

 9.1683, 7.4409,
12.1976


 113.8656,
107.3909, 139.2720

 4.9091, 3.7393,
6.7542

143.9041,
136.8593, 175.1581

 2.2282, 1.5288,
3.2327

178.8092,
171.2782, 216.7329

 0.7576, 0.3089,
1.2147

218.9462,

 0.0000, 0.0000,

211.0322, 264.4151

0.0000

264.6804,
256.5056, 318.6232

■ 35.0694, 31.3359,
44.2445

■ 35.0694, 31.3359,
44.2445

■ 32.5803, 26.5136,
42.9331

■ 37.9735, 36.9861,
45.6986

■ 30.4840, 22.4761,
41.7558

■ 41.3080, 43.4962,
47.2994

■ 28.7603, 19.1828,
40.7064

■ 45.0908, 50.9020,
49.0533

■ 27.3864, 16.5879,
39.7772

■ 49.3381, 59.2355,
50.9657

■ 26.3368, 14.6403,
38.9597

■ 54.0652, 68.5275,
53.0417

■ 25.5824, 13.2820,
38.2442

■ 59.2868, 78.8072,
55.2862

■ 25.0892, 12.4450,
37.6193

■ 62.0096, 84.0882,
56.7014

■ 24.7856, 11.9861,
37.0611

■ 62.1133, 84.1297,
57.2472

■ 24.7824, 11.9813,
37.0548

■ 62.2177, 84.1714,
57.7970

Harmonies

Analogous

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



32.5807, 31.3359, 51.6639



35.0694, 31.3359, 44.2445



36.1360, 31.3359, 34.9871

Triad

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



35.0694, 31.3359, 44.2445



30.0853, 31.3359, 19.7635



24.7912, 31.3359, 42.4960

Complementary

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



35.0694, 31.3359, 44.2445



31.4691, 38.6975, 31.7992

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.



24.2234, 31.3359, 33.2663



35.0694, 31.3359, 44.2445



27.1518, 31.3359, 21.0784

Square

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



35.0694, 31.3359, 44.2445



33.1362, 31.3359, 21.7086



25.0580, 31.3359, 25.6705



26.6655, 31.3359, 50.5376

Rectangle

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



35.0694, 31.3359, 44.2445



35.8457, 31.3359, 29.3441



25.0580, 31.3359, 25.6705



24.4471, 31.3359, 39.3867

Sweetspot

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



35.0703, 31.3373, 44.2452



71.0624, 71.3550, 83.9463



28.6472, 28.0033, 44.9703



15.3195, 15.3060, 18.1535



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.



35.0703, 31.3373, 44.2452



61.4660, 52.6854, 79.1346



33.4950, 30.7071, 35.9495



8.8286, 8.6382, 10.5960



18.1904, 8.7937, 27.2265



0.5787, 0.2792, 0.8899

Inverse Universe

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



35.0703, 31.3373, 44.2452



61.4660, 52.6854, 79.1346



32.8781, 39.2612, 39.2190



8.8286, 8.6382, 10.5960



18.1904, 8.7937, 27.2265



0.5787, 0.2792, 0.8899

Previews

White Background



This preview shows how the XYZ color 35.0694, 31.3359, 44.2445 looks on a white background.

Color Contrast Check

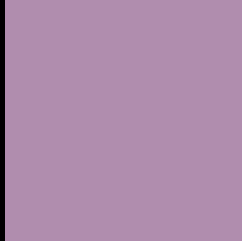
Large Text (above 18pt) WCAG AA × Fail

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 35.0694, 31.3359, 44.2445 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 35.0694, 31.3359, 44.2445

Background



This preview shows how black text looks on a background with the XYZ color 35.0694, 31.3359, 44.2445.



This preview shows how white text looks on a background with the XYZ color 35.0694, 31.3359,

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

35.0694, 31.3359, 44.2445

Protanopia

31.1589, 31.5395, 47.6255

Deuteranopia

32.0374, 31.3650, 43.9007



Tritanopia

33.2076, 31.2311, 35.7305

Trichromacy



Original Color

35.0694, 31.3359, 44.2445

Protanomaly

32.3742, 31.2499, 46.4450

Deuteranomaly

32.9781, 31.1604, 43.8116

Tritanomaly

33.8889, 31.2879, 38.9034

Monochromacy



Original Color

35.0694, 31.3359, 44.2445

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.5322, 32.2079, 38.6845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0694, 31.3359, 44.2445 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(176, 141, 174)` looks like.

```
.text, #text, p{  
    color:rgb(176, 141, 174)  
}
```

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(176, 141, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 141, 174) }
```

Border

The CSS property to change the border of an element to XYZ 35.0694, 31.3359, 44.2445 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(176, 141, 174) }
```


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

```
.border{ border-color:rgb(176, 141, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 141, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 141, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 141, 174);  
box-shadow:4px 4px 4px 4px rgb(176, 141,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0694, 31.3359, 44.2445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 141, 174) }
```

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

```
.background{ background-color: rgb(176,  
141, 174) }
```

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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