

Converting Colors

XYZ(43.7464, 31.3396, 33.9530)

Have a look what the booklet for
XYZ(43.7464, 31.3396, 33.9530)
contains.

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Color

**XYZ(43.7896, 31.3534,
33.8808)**

Conversions

Conversions Part 1

Format	Color
Hex	E37599
RGB	227, 117, 153
RGB Percent	89%, 46%, 60%
CMY	0.1098, 0.5412, 0.4000
CMYK	0.00, 0.48, 0.33, 0.11
HSL	340°, 66%, 67%
HSV	340°, 48%, 89%
XYZ	43.7896, 31.3534, 33.8808
YIQ	153.9940, 54.0040, 34.5160

Conversions

Conversions Part 2

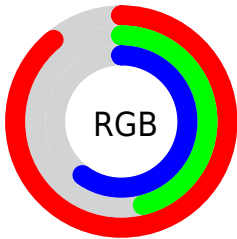
Format	Color
R_{YB}	227, 117, 153
Decimal	14906777
CIE Lab	62.80, 46.50, 0.34
CIE LCh	63, 46.497, 0.422
Yxy	31.3534, 0.4017, 0.2876
Android (android.graphics.Color)	4293096857 (0xFFE37599)
YUV	153.9940, -0.4900, 64.0263
Hunter-Lab	55.9941, 41.6044, 3.3208

Details

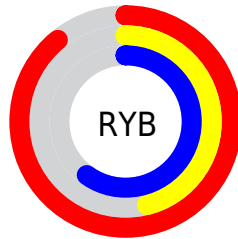
The XYZ color **43.7896, 31.3534, 33.8808** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **44.2108, 62.4824, 59.0239**, and the grayscale version is **30.6990, 32.2977, 35.1722**.

A 20% lighter version of the original color is **67.2550, 55.2700, 66.1549**, and **20.5939, 13.0611, 14.0060** is the 20% darker color. If you saturate the color by 10%, you get **40.2764, 26.2181, 26.8798**, and if you desaturate by 10%, it is **48.1071, 37.8388, 41.9471**.

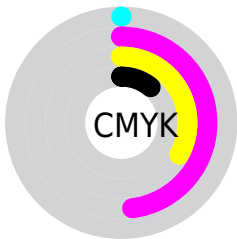
Distribution



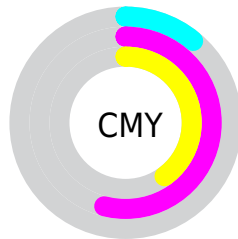
- Red (89%)
- Green (46%)
- Blue (60%)



- Red (89%)
- Yellow (46%)
- Blue (60%)



- Cyan (0%)
- Magenta (48%)
- Yellow (33%)
- Black (11%)





- Cyan (11%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7896, 31.3534, 33.8808 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 43.7896, 31.3534, 33.8808 by changing the saturation by 10% instead.


 43.7896, 31.3534,
33.8808


 43.7896, 31.3534,
33.8808

352.7157,
308.1631, 334.3531


 30.7023, 20.8681,
22.5254


 80.1494, 61.7960,
66.8800

 20.5230, 13.0276,
14.0415


 104.1526, 82.5222,
89.3610

 12.8863, 7.4476,
8.0104


 132.5251,
107.4307, 116.3875

 7.4267, 3.7435,
4.0138

165.6324,
136.9060, 148.3782

 3.7791, 1.5312,
1.6329

203.8397,
171.3325, 185.7516

 1.5779, 0.3105,
0.3141

247.5125,

 0.3780, 0.0000,

211.0946, 228.9261

0.0000

297.0160,
256.5767, 278.3205

■ 0.0000, 0.0000,
0.0000

■ 43.7896, 31.3534,
33.8808

■ 43.7896, 31.3534,
33.8808

■ 40.2764, 26.2181,
26.8798

■ 48.1071, 37.8388,
41.9471

■ 37.5119, 22.3314,
20.8946

■ 53.2747, 45.7567,
51.1213

■ 35.4366, 19.5852,
15.8738


■ 59.3373, 55.1885,
61.4458


■ 33.9806, 17.8501,
11.7599


■ 66.3361, 66.2080,
72.9601

■ 33.0436, 16.9378,
8.4829

■ 74.3097, 78.8842,
85.7016

 32.9242, 16.8291,
8.0417

 83.2943, 93.2821,
99.7062

 85.4886, 95.0709,
108.4525

Harmonies

Analogous

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



41.7610, 31.3534, 54.5254



43.7896, 31.3534, 33.8808



41.6481, 31.3534, 19.2888

Triad

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



43.7896, 31.3534, 33.8808



24.0232, 31.3534, 11.9571



24.1588, 31.3534, 74.5917

Complementary

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



43.7896, 31.3534, 33.8808



44.2108, 62.4824, 59.0239

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.



20.4442, 31.3534, 55.1391



43.7896, 31.3534, 33.8808



20.3741, 31.3534, 19.5963

Square

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



43.7896, 31.3534, 33.8808



29.7103, 31.3534, 9.7165



19.1616, 31.3534, 34.3975



29.8908, 31.3534, 82.5477

Rectangle

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



43.7896, 31.3534, 33.8808



38.2973, 31.3534, 13.6235



19.1616, 31.3534, 34.3975



22.6637, 31.3534, 68.9045

Sweetspot

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



43.7905, 31.3550, 33.8814



80.1686, 76.4290, 84.8512



41.5463, 29.2606, 76.1312



16.7609, 15.7334, 17.5002



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.7905, 31.3550, 33.8814



52.4665, 34.1796, 35.0623



43.6012, 35.0381, 21.2967



14.5705, 14.4454, 15.9385



19.2493, 9.8339, 4.9417



1.4640, 0.7433, 0.5840

Inverse Universe

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



43.7905, 31.3550, 33.8814



52.4665, 34.1796, 35.0623



43.9212, 54.7665, 80.9292



14.5705, 14.4454, 15.9385



19.2493, 9.8339, 4.9417



1.4640, 0.7433, 0.5840

Previews

White Background



This preview shows how the XYZ color 43.7896, 31.3534, 33.8808 looks on a white background.

Color Contrast Check

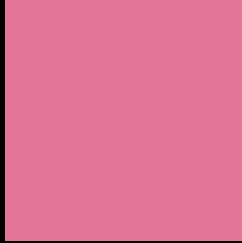
Large Text (above 18pt) WCAG AA × Fail

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 43.7896, 31.3534, 33.8808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

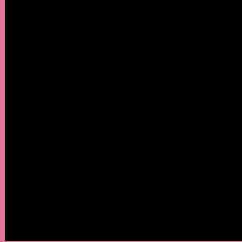
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7896, 31.3534, 33.8808

Background



This preview shows how black text looks on a background with the XYZ color 43.7896, 31.3534, 33.8808.



This preview shows how white text looks on a background with the XYZ color 43.7896, 31.3534,

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

43.7896, 31.3534, 33.8808

Protanopia

31.1010, 31.5788, 44.5005

Deuteranopia

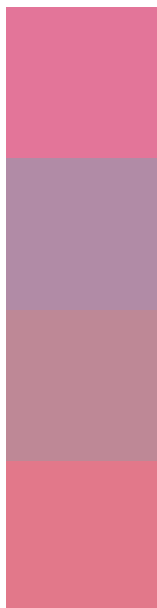
32.1412, 31.4406, 32.3916



Tritanopia

41.9180, 31.2940, 24.9501

Trichromacy



Original Color

43.7896, 31.3534, 33.8808

Protanomaly

34.2470, 30.5655, 40.1711

Deuteranomaly

35.5444, 30.7575, 32.9176

Tritanomaly

42.6679, 31.4367, 27.8638

Monochromacy



Original Color

43.7896, 31.3534, 33.8808

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

34.4137, 31.2066, 34.7815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7896, 31.3534, 33.8808 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(227, 117, 153)` looks like.

```
.text, #text, p{  
    color:rgb(227, 117, 153)  
}
```

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(227, 117, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 117, 153) }
```

Border

The CSS property to change the border of an element to XYZ 43.7896, 31.3534, 33.8808 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(227, 117, 153) }
```


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

```
.border{ border-color:rgb(227, 117, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 117, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 117, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 117, 153); box-shadow:4px 4px 4px 4px rgb(227, 117, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7896, 31.3534, 33.8808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 117, 153) }
```

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

```
.background{ background-color: rgb(227,  
117, 153) }
```

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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