

Converting Colors

XYZ(44.1297, 31.9556, 34.2818)

Have a look what the booklet for
XYZ(44.1297, 31.9556, 34.2818)
contains.

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Color

**XYZ(44.1081, 31.8576,
34.3962)**

Conversions

Conversions Part 1

Format	Color
Hex	E3779A
RGB	227, 119, 154
RGB Percent	89%, 47%, 60%
CMY	0.1098, 0.5333, 0.3961
CMYK	0.00, 0.48, 0.32, 0.11
HSL	341°, 66%, 68%
HSV	341°, 48%, 89%
XYZ	44.1081, 31.8576, 34.3962
YIQ	155.2820, 53.1330, 33.7810

Conversions

Conversions Part 2

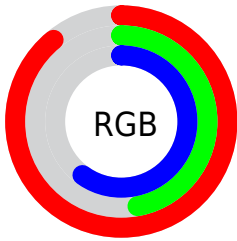
Format	Color
R _Y B	227, 119, 154
Decimal	14907290
CIE Lab	63.23, 45.62, 0.38
CIE LCh	63, 45.621, 0.482
Yxy	31.8576, 0.3997, 0.2887
Android (android.graphics.Color)	4293097370 (0xFFE3779A)
YUV	155.2820, -0.6320, 62.8967
Hunter-Lab	56.4425, 40.7178, 3.3783

Details

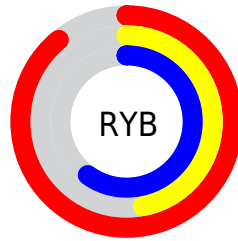
The XYZ color **44.1081, 31.8576, 34.3962** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **44.5928, 62.6667, 59.6181**, and the grayscale version is **31.2677, 32.8961, 35.8238**.

A 20% lighter version of the original color is **67.7612, 56.0862, 66.9288**, and **20.7586, 13.3107, 14.3071** is the 20% darker color. If you saturate the color by 10%, you get **40.5246, 26.6067, 27.2944**, and if you desaturate by 10%, it is **48.5018, 38.4672, 42.5747**.

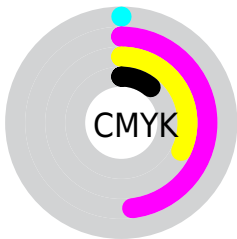
Distribution



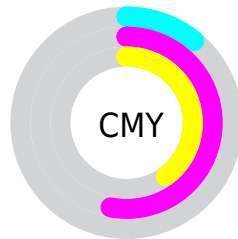
- Red (89%)
- Green (47%)
- Blue (60%)



- Red (89%)
- Yellow (47%)
- Blue (60%)



- Cyan (0%)
- Magenta (48%)
- Yellow (32%)
- Black (11%)





- Cyan (11%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1081, 31.8576, 34.3962 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 44.1081, 31.8576, 34.3962 by changing the saturation by 10% instead.


 44.1081, 31.8576,
34.3962


 44.1081, 31.8576,
34.3962

353.9940,
310.4701, 336.7180


 30.9538, 21.2528,
22.9183


 80.6257, 62.5878,
67.6902

 20.7153, 13.3089,
14.3285


 104.7197, 83.4819,
90.3435

 13.0273, 7.6416,
8.2081


 133.1910,
108.5746, 117.5589

 7.5245, 3.8665,
4.1387

166.4049,
138.2502, 149.7551

 3.8415, 1.5992,
1.7018

204.7268,
172.8932, 187.3506

 1.6128, 0.3570,
0.3619

248.5221,

 0.4008, 0.0000,

212.8879, 230.7638

0.0000

298.1560,
258.6187, 280.4135

■ 0.0000, 0.0000,
0.0000

■ 44.1081, 31.8576,
34.3962

■ 44.1081, 31.8576,
34.3962

■ 40.5246, 26.6067,
27.2944

■ 48.5018, 38.4672,
42.5747

■ 37.6959, 22.6140,
21.2196

■ 53.7511, 46.5172,
51.8729

■ 35.5634, 19.7724,
16.1205


■ 59.9008, 56.0884,
62.3332


■ 34.0579, 17.9549,
11.9393


■ 66.9918, 67.2543,
73.9954

■ 33.0878, 16.9902,
8.6085

■ 75.0626, 80.0835,
86.8972

 32.8998, 16.8194,
7.9131

 84.0834, 94.5088,
101.0526

 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.



42.1152, 31.8576, 54.7839



44.1081, 31.8576, 34.3962



41.9883, 31.8576, 19.8757

Triad

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



44.1081, 31.8576, 34.3962



24.5315, 31.8576, 12.5295



24.6854, 31.8576, 74.5729

Complementary

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



44.1081, 31.8576, 34.3962



44.5928, 62.6667, 59.6181

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.



20.9792, 31.8576, 55.4730



44.1081, 31.8576, 34.3962



20.8995, 31.8576, 20.2268

Square

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



44.1081, 31.8576, 34.3962



30.1778, 31.8576, 10.2482



19.6935, 31.8576, 34.9805



30.3818, 31.8576, 82.3406

Rectangle

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



44.1081, 31.8576, 34.3962



38.6769, 31.8576, 14.1910



19.6935, 31.8576, 34.9805



23.1954, 31.8576, 68.9993

Sweetspot

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



44.1090, 31.8592, 34.3968



81.0551, 77.8418, 86.2567



41.9491, 29.8179, 76.2176



16.9352, 16.0114, 17.7761



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.



44.1090, 31.8592, 34.3968



52.8427, 34.7622, 35.7109



43.9552, 35.5558, 22.0010



14.5685, 14.4446, 15.9283



19.2347, 9.8281, 4.8651



1.4627, 0.7428, 0.5774

Inverse Universe

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



44.1090, 31.8592, 34.3968



52.8427, 34.7622, 35.7109



44.2745, 55.0700, 80.9692



14.5685, 14.4446, 15.9283



19.2347, 9.8281, 4.8651



1.4627, 0.7428, 0.5774

Previews

White Background



This preview shows how the XYZ color 44.1081, 31.8576, 34.3962 looks on a white background.

Color Contrast Check

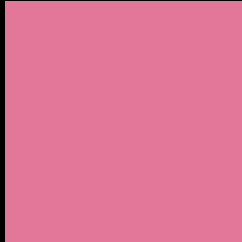
Large Text (above 18pt) WCAG AA × Fail

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 44.1081, 31.8576, 34.3962 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 44.1081, 31.8576, 34.3962

Background



This preview shows how black text looks on a background with the XYZ color 44.1081, 31.8576, 34.3962.



This preview shows how white text looks on a background with the XYZ color 44.1081, 31.8576,

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

44.1081, 31.8576, 34.3962

Protanopia

31.4459, 31.9965, 44.5630

Deuteranopia

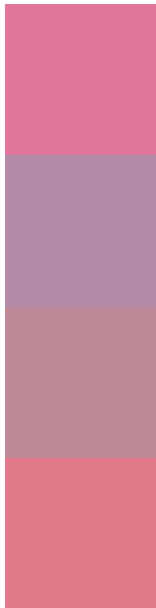
32.5923, 31.8958, 32.8725



Tritanopia

42.2992, 31.8394, 25.7460

Trichromacy



Original Color

44.1081, 31.8576, 34.3962

Protanomaly

34.7132, 31.0112, 40.7154

Deuteranomaly

36.0174, 31.2021, 33.4024

Tritanomaly

43.0572, 31.9813, 28.7146

Monochromacy



Original Color

44.1081, 31.8576, 34.3962

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

34.6455, 31.5363, 35.2715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1081, 31.8576, 34.3962 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, 119, 154)` looks like.

```
.text, #text, p{  
    color:rgb(227, 119, 154)  
}
```

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, 119, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 119, 154) }
```

Border

The CSS property to change the border of an element to XYZ 44.1081, 31.8576, 34.3962 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, 119, 154) }
```


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

```
.border{ border-color:rgb(227, 119, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 119, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 119, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 119, 154); box-shadow:4px 4px 4px 4px rgb(227, 119, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1081, 31.8576, 34.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 119, 154) }
```

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

```
.background{ background-color: rgb(227,  
119, 154) }
```

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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