

Converting Colors

XYZ(43.9755, 31.2598, 26.9023)

Have a look what the booklet for
XYZ(43.9755, 31.2598, 26.9023)
contains.

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Color

**XYZ(43.8534, 31.1948,
27.0024)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E87388 |
| RGB | 232, 115, 136 |
| RGB Percent | 91%, 45%, 53% |
| CMY | 0.0902, 0.5490, 0.4667 |
| CMYK | 0.00, 0.50, 0.41, 0.09 |
| HSL | 349°, 72%, 68% |
| HSV | 349°, 50%, 91% |
| XYZ | 43.8534, 31.1948, 27.0024 |
| YIQ | 152.3770, 62.9910, 31.3350 |

Conversions

Conversions Part 2

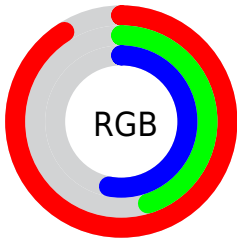
| Format | Color |
|-------------------------------------|---|
| RYB | 232, 115, 136 |
| Decimal | 15233928 |
| CIELab | 62.67, 47.26, 9.99 |
| CIElCh | 63, 48.301, 11.932 |
| Yxy | 31.1948, 0.4297, 0.3057 |
| Android (android.graphics.Color) | 4293424008 (0xFFE87388) |
| YUV | 152.3770, -8.0739, 69.8294 |
| Hunter-Lab | 55.8523, 42.4108, 10.4322 |

Details

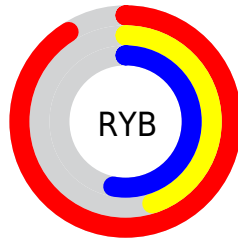
The XYZ color **43.8534, 31.1948, 27.0024** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **47.6864, 66.0620, 71.8699**, and the grayscale version is **30.0236, 31.5871, 34.3984**.

A 20% lighter version of the original color is **64.8000, 53.6836, 55.0907**, and **20.6359, 13.0014, 10.2260** is the 20% darker color. If you saturate the color by 10%, you get **40.2979, 26.0602, 19.7247**, and if you desaturate by 10%, it is **48.3165, 37.7600, 35.7688**.

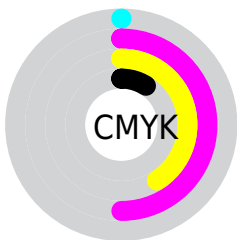
Distribution



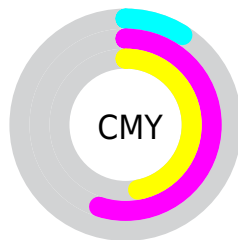
- Red (91%)
- Green (45%)
- Blue (53%)



- Red (91%)
- Yellow (45%)
- Blue (53%)



- Cyan (0%)
- Magenta (50%)
- Yellow (41%)
- Black (9%)





- Cyan (9%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8534, 31.1948, 27.0024 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 43.8534, 31.1948, 27.0024 by changing the saturation by 10% instead.


 43.8534, 31.1948,
27.0024


 43.8534, 31.1948,
27.0024


352.9720,
307.4348, 301.4293


 30.7527, 20.7472,
17.3426


 80.2448, 61.5466,
55.8915

 20.5615, 12.9394,
10.3145


 104.2662, 82.2197,
75.9579

 12.9145, 7.3868,
5.4997


 132.6586,
107.0700, 100.3301

 7.4463, 3.7052,
2.4795

165.7873,
136.4820, 129.4269

 3.7915, 1.5100,
0.8293

204.0176,
170.8401, 163.6666

 1.5849, 0.2958,
0.0000

247.7149,

 0.3825, 0.0000,

210.5287, 203.4679

0.0000

297.2446,
255.9321, 249.2493

■ 0.0000, 0.0000,
0.0000

■ 43.8534, 31.1948,
27.0024

■ 43.8534, 31.1948,
27.0024

■ 40.2979, 26.0602,
19.7247

■ 48.3165, 37.7600,
35.7688

■ 37.5839, 22.2443,
13.8499

■ 53.7420, 45.8468,
46.0993

■ 35.6400, 19.6267,
9.2861

■ 60.1836, 55.5446,
58.0664

■ 34.3814, 18.0623,
5.9289

■ 67.6899, 66.9343,
71.7374

■ 33.6901, 17.3204,
3.7236

■ 76.3065, 80.0914,
87.1758

■ 86.0763, 95.0868,
104.4418

■ 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



43.3994, 31.1948, 46.5078



43.8534, 31.1948, 27.0024



40.1092, 31.1948, 15.0305

Triad

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



43.8534, 31.1948, 27.0024



21.9635, 31.1948, 13.4916



25.8914, 31.1948, 81.4577

Complementary

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



43.8534, 31.1948, 27.0024



47.6864, 66.0620, 71.8699

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.



21.1878, 31.1948, 64.4411



43.8534, 31.1948, 27.0024



19.1622, 31.1948, 23.9095

Square

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



43.8534, 31.1948, 27.0024



27.1065, 31.1948, 9.3969



18.9010, 31.1948, 42.0340



32.3472, 31.1948, 83.2718

Rectangle

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



43.8534, 31.1948, 27.0024



36.0194, 31.1948, 10.9549



18.9010, 31.1948, 42.0340



24.0791, 31.1948, 77.0977

Sweetspot

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



43.8542, 31.1964, 27.0030



79.3907, 76.1178, 80.7546



47.4326, 31.8719, 79.9959



16.5754, 15.6592, 16.5235



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.



43.8542, 31.1964, 27.0030



49.5991, 31.8110, 23.7289



47.6107, 40.8680, 21.6006



14.4821, 14.4100, 15.4729



18.7362, 9.6287, 2.2397



1.4154, 0.7239, 0.3279

Inverse Universe

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



43.8542, 31.1964, 27.0030



49.5991, 31.8110, 23.7289



41.1410, 48.4803, 83.5333



14.4821, 14.4100, 15.4729



18.7362, 9.6287, 2.2397



1.4154, 0.7239, 0.3279

Previews

White Background



This preview shows how the XYZ color 43.8534, 31.1948, 27.0024 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 43.8534, 31.1948, 27.0024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

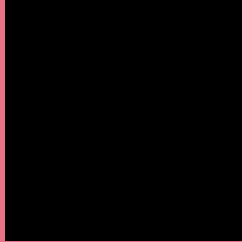
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8534, 31.1948, 27.0024

Background



This preview shows how black text looks on a background with the XYZ color 43.8534, 31.1948, 27.0024.



This preview shows how white text looks on a background with the XYZ color 43.8534, 31.1948,

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

43.8534, 31.1948, 27.0024

Protanopia

30.3938, 31.4035, 35.9121

Deuteranopia

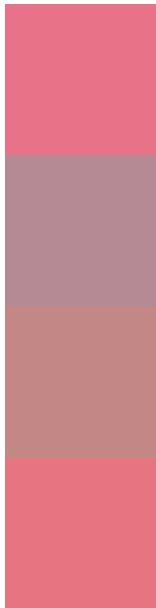
31.8312, 31.1951, 25.8163



Tritanopia

43.0180, 31.1922, 23.1554

Trichromacy



Original Color

43.8534, 31.1948, 27.0024

Protanomaly

33.8047, 30.2920, 32.4990

Deuteranomaly

35.4033, 30.6235, 26.2353

Tritanomaly

43.1628, 31.0647, 24.4900

Monochromacy



Original Color

43.8534, 31.1948, 27.0024

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

33.4770, 30.3643, 31.2906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8534, 31.1948, 27.0024 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(232, 115, 136)` looks like.

```
.text, #text, p{  
    color:rgb(232, 115, 136)  
}
```

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(232, 115, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 115, 136) }
```

Border

The CSS property to change the border of an element to XYZ 43.8534, 31.1948, 27.0024 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(232, 115, 136) }
```


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

```
.border{ border-color:rgb(232, 115, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 115, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 115, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 115, 136);  
box-shadow:4px 4px 4px 4px rgb(232, 115,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8534, 31.1948, 27.0024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 115, 136) }
```

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

```
.background{ background-color: rgb(232,  
115, 136) }
```

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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