

Converting Colors

XYZ(44.6761, 31.3043, 40.6493)

Have a look what the booklet for
XYZ(44.6761, 31.3043, 40.6493)
contains.

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Color

**XYZ(44.5626, 31.2574,
40.7304)**

Conversions

Conversions Part 1

Format	Color
Hex	E273A8
RGB	226, 115, 168
RGB Percent	89%, 45%, 66%
CMY	0.1137, 0.5490, 0.3412
CMYK	0.00, 0.49, 0.26, 0.11
HSL	331°, 66%, 67%
HSV	331°, 49%, 89%
XYZ	44.5626, 31.2574, 40.7304
YIQ	154.2310, 49.1430, 40.0150

Conversions

Conversions Part 2

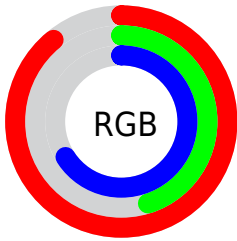
Format	Color
R_{YB}	226, 115, 168
Decimal	14840744
CIE _{Lab}	62.72, 49.10, -8.37
CIE _{LCh}	63, 49.811, 350.321
Yxy	31.2574, 0.3823, 0.2682
Android (android.graphics.Color)	4293030824 (0xFFE273A8)
YUV	154.2310, 6.7881, 62.9414
Hunter-Lab	55.9083, 44.4367, -4.0582

Details

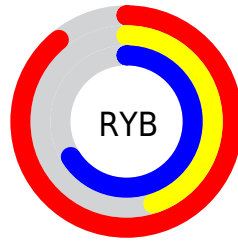
The XYZ color **44.5626, 31.2574, 40.7304** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.8109, 61.0554, 49.1194**, and the grayscale version is **30.7736, 32.3762, 35.2577**.

A 20% lighter version of the original color is **68.9340, 55.3372, 76.8600**, and **21.0235, 13.0310, 17.9302** is the 20% darker color. If you saturate the color by 10%, you get **41.2435, 26.3005, 34.4402**, and if you desaturate by 10%, it is **48.6151, 37.5206, 47.7587**.

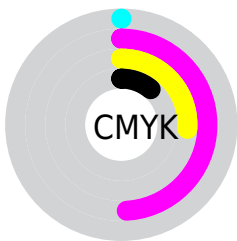
Distribution



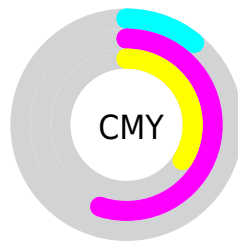
- Red (89%)
- Green (45%)
- Blue (66%)



- Red (89%)
- Yellow (45%)
- Blue (66%)



- Cyan (0%)
- Magenta (49%)
- Yellow (26%)
- Black (11%)





- Cyan (11%)
- Magenta (55%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5626, 31.2574, 40.7304 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 44.5626, 31.2574, 40.7304 by changing the saturation by 10% instead.


 44.5626, 31.2574,
40.7304


 44.5626, 31.2574,
40.7304


355.8127,
307.7224, 364.8358


 31.3129, 20.7949,
27.7904


 81.3048, 61.6451,
77.5237

 20.9902, 12.9742,
17.9300


 105.5279, 82.3391,
102.2140

 13.2292, 7.4108,
10.7308


 134.1395,
107.2124, 131.6582

 7.6647, 3.7203,
5.7743

167.5050,
136.6495, 166.2748

 3.9311, 1.5184,
2.6417

205.9898,
171.0346, 206.4823

 1.6632, 0.3016,
0.9139

249.9590,

 0.4331, 0.0000,

210.7522, 252.6993

0.0000

299.7783,
256.1866, 305.3442

■ 0.0000, 0.0000,
0.0000

■ 44.5626, 31.2574,
40.7304

■ 44.5626, 31.2574,
40.7304

■ 41.2435, 26.3005,
34.4402

■ 48.6151, 37.5206,
47.7587

■ 38.6054, 22.5502,
28.8567

■ 53.4431, 45.1710,
55.5508

■ 36.5930, 19.9000,
23.9480


■ 59.0885, 54.2884,
64.1330


■ 35.1400, 18.2220,
19.6780

■ 65.5893, 64.9448,
73.5298


■ 34.1436, 17.3154,
15.9974

■ 72.9811, 77.2080,
83.7644

 34.0657, 17.2494,
15.6947

 81.2975, 91.1413,
94.8588

 84.4843, 94.6329,
104.8056

 85.1741, 94.9088,
108.4378

Harmonies

Analogous

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



40.9590, 31.2574, 64.0014



44.5626, 31.2574, 40.7304



43.7447, 31.2574, 22.6095

Triad

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



44.5626, 31.2574, 40.7304



25.3933, 31.2574, 9.6015



22.1142, 31.2574, 71.7838

Complementary

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



44.5626, 31.2574, 40.7304



41.8109, 61.0554, 49.1194

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.



19.0516, 31.2574, 48.7753



44.5626, 31.2574, 40.7304



20.7346, 31.2574, 15.2780

Square

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



44.5626, 31.2574, 40.7304



31.9636, 31.2574, 8.8484



18.5884, 31.2574, 28.1150



27.5634, 31.2574, 85.9437

Rectangle

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



44.5626, 31.2574, 40.7304



40.8424, 31.2574, 15.0902



18.5884, 31.2574, 28.1150



20.8088, 31.2574, 64.4926

Sweetspot

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



44.5635, 31.2589, 40.7310



80.9857, 76.7558, 89.1537



36.9499, 26.5647, 75.1316



16.9567, 15.8118, 18.5315



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.



44.5635, 31.2589, 40.7310



54.1203, 34.4215, 45.0647



40.8035, 30.0959, 19.8802



13.9784, 13.8090, 15.6564



19.4937, 9.8645, 9.2657



1.3962, 0.7018, 0.8795

Inverse Universe

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



44.5635, 31.2589, 40.7310



54.1203, 34.4215, 45.0647



47.4946, 62.5284, 81.5175



13.9784, 13.8090, 15.6564



19.4937, 9.8645, 9.2657



1.3962, 0.7018, 0.8795

Previews

White Background



This preview shows how the XYZ color 44.5626, 31.2574, 40.7304 looks on a white background.

Color Contrast Check

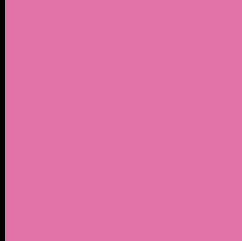
Large Text (above 18pt) WCAG AA × Fail

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 44.5626, 31.2574, 40.7304 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 44.5626, 31.2574, 40.7304

Background



This preview shows how black text looks on a background with the XYZ color 44.5626, 31.2574, 40.7304.



This preview shows how white text looks on a background with the XYZ color 44.5626, 31.2574,

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

44.5626, 31.2574, 40.7304

Protanopia

31.7364, 31.6898, 54.3132

Deuteranopia

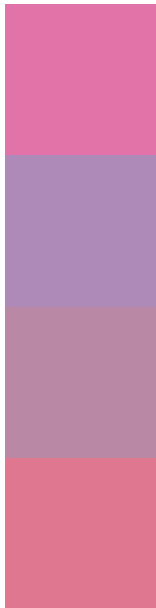
32.1011, 31.5055, 39.0396



Tritanopia

41.4877, 31.2457, 25.3171

Trichromacy



Original Color

44.5626, 31.2574, 40.7304

Protanomaly

34.8693, 30.4801, 48.8452

Deuteranomaly

35.6033, 30.6392, 39.6348

Tritanomaly

42.3713, 31.0546, 30.1465

Monochromacy



Original Color

44.5626, 31.2574, 40.7304

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

34.4585, 30.9627, 36.9611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5626, 31.2574, 40.7304 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(226, 115, 168)` looks like.

```
.text, #text, p{  
    color:rgb(226, 115, 168)  
}
```

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(226, 115, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 115, 168) }
```

Border

The CSS property to change the border of an element to XYZ 44.5626, 31.2574, 40.7304 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(226, 115, 168) }
```


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

```
.border{ border-color:rgb(226, 115, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 115, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 115, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 115, 168); box-shadow:4px 4px 4px 4px rgb(226, 115, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5626, 31.2574, 40.7304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 115, 168) }
```

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

```
.background{ background-color: rgb(226,  
115, 168) }
```

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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