

Converting Colors

XYZ(45.7528, 31.5167, 49.1855)

Have a look what the booklet for
XYZ(45.7528, 31.5167, 49.1855)
contains.

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Color

**XYZ(45.7204, 31.5029,
49.0183)**

Conversions

Conversions Part 1

Format	Color
Hex	E172B8
RGB	225, 114, 184
RGB Percent	88%, 45%, 72%
CMY	0.1176, 0.5529, 0.2784
CMYK	0.00, 0.49, 0.18, 0.12
HSL	322°, 65%, 66%
HSV	322°, 49%, 88%
XYZ	45.7204, 31.5029, 49.0183
YIQ	155.1690, 43.6860, 45.3020

Conversions

Conversions Part 2

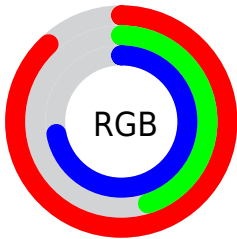
Format	Color
R _Y B	225, 114, 184
Decimal	14774968
CIE Lab	62.93, 51.55, -17.20
CIE LCh	63, 54.344, 341.551
Yxy	31.5029, 0.3622, 0.2495
Android (android.graphics.Color)	4292965048 (0xFFE172B8)
YUV	155.1690, 14.2137, 61.2418
Hunter-Lab	56.1274, 47.1798, -12.4911

Details

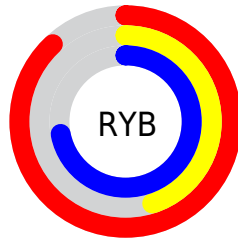
The XYZ color **45.7204, 31.5029, 49.0183** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.7826, 59.7954, 40.4580**, and the grayscale version is **31.1571, 32.7796, 35.6970**.

A 20% lighter version of the original color is **71.1561, 55.9272, 89.4828**, and **21.6489, 13.0859, 22.8575** is the 20% darker color. If you saturate the color by 10%, you get **42.6418, 26.6990, 43.8193**, and if you desaturate by 10%, it is **49.4762, 37.5785, 54.6962**.

Distribution



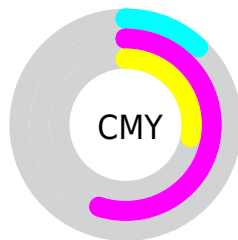
- Red (88%)
- Green (45%)
- Blue (72%)



- Red (88%)
- Yellow (45%)
- Blue (72%)



- Cyan (0%)
- Magenta (49%)
- Yellow (18%)
- Black (12%)





- Cyan (12%)
- Magenta (55%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.7204, 31.5029, 49.0183 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 45.7204, 31.5029, 49.0183 by changing the saturation by 10% instead.


 45.7204, 31.5029,
49.0183

 45.7204, 31.5029,
49.0183

360.4182,
308.8485, 399.4389

 32.2289, 20.9821,
34.2683


 83.0308, 62.0310,
90.0999

 21.6928, 13.1109,
22.8208


 107.5805, 82.8070,
117.2686

 13.7467, 7.5050,
14.2572


 136.5469,
107.7703, 149.4139

 8.0252, 3.7799,
8.1589

170.2955,
137.3052, 186.9544

 4.1630, 1.5512,
4.1076

209.1916,
171.7960, 230.3086

 1.7948, 0.3244,
1.6846

253.6005,

 0.5145, 0.0000,

211.6273, 279.8950

0.3501

303.8876,
257.1833, 336.1323

■ 0.0000, 0.0000,
0.0000

■ 45.7204, 31.5029,
49.0183

■ 45.7204, 31.5029,
49.0183

■ 42.6418, 26.6990,
43.8193

■ 49.4762, 37.5785,
54.6962

■ 40.1901, 23.0687,
39.0772

■ 53.9491, 45.0055,
60.8697

■ 38.3122, 20.5069,
34.7703


■ 59.1791, 53.8619,
67.5564


■ 36.9444, 18.8876,
30.8727


■ 65.2023, 64.2190,
74.7723


■ 35.9838, 18.0067,
27.3455


■ 72.0526, 76.1430,
82.5327

 35.9256, 17.9573,
27.1197

 79.7616, 89.6961,
90.8519

 82.8655, 93.9493,
97.9123

 84.1439, 94.4606,
104.6443

 84.8616, 94.7477,
108.4232

Harmonies

Analogous

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



40.5038, 31.5029, 75.1602



45.7204, 31.5029, 49.0183



46.3154, 31.5029, 26.7131

Triad

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



45.7204, 31.5029, 49.0183



27.1603, 31.5029, 7.7380



20.4370, 31.5029, 69.4152

Complementary

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



45.7204, 31.5029, 49.0183



39.7826, 59.7954, 40.4580

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.



17.9698, 31.5029, 43.2055



45.7204, 31.5029, 49.0183



21.3980, 31.5029, 11.8234

Square

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



45.7204, 31.5029, 49.0183



34.7167, 31.5029, 8.2219



18.2896, 31.5029, 22.8711



25.6275, 31.5029, 89.9142

Rectangle

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



45.7204, 31.5029, 49.0183



43.9101, 31.5029, 16.9789



18.2896, 31.5029, 22.8711



19.3039, 31.5029, 60.6099

Sweetspot

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



45.7214, 31.5044, 49.0189



81.8464, 77.1001, 93.6860



33.0696, 24.4116, 74.2036



17.1640, 15.8947, 19.6232



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.



45.7214, 31.5044, 49.0189



56.6042, 35.4150, 58.1446



41.0191, 29.6235, 24.2571



14.0690, 13.8452, 16.1337



20.7600, 10.3710, 15.9339



1.4817, 0.7360, 1.3296

Inverse Universe

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



45.7214, 31.5044, 49.0189



56.6042, 35.4150, 58.1446



45.5236, 62.0918, 70.6900



14.0690, 13.8452, 16.1337



20.7600, 10.3710, 15.9339



1.4817, 0.7360, 1.3296

Previews

White Background



This preview shows how the XYZ color 45.7204, 31.5029, 49.0183 looks on a white background.

Color Contrast Check

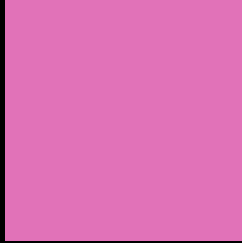
Large Text (above 18pt) WCAG AA × Fail

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 45.7204, 31.5029, 49.0183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

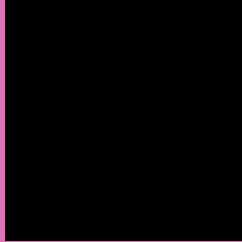
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.7204, 31.5029, 49.0183

Background



This preview shows how black text looks on a background with the XYZ color 45.7204, 31.5029, 49.0183.



This preview shows how white text looks on a background with the XYZ color 45.7204, 31.5029,

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

45.7204, 31.5029, 49.0183

Protanopia

32.6911, 31.9373, 65.4143

Deuteranopia

32.3009, 31.6778, 46.5315



Tritanopia

41.1519, 31.6041, 26.4855

Trichromacy



Original Color

45.7204, 31.5029, 49.0183



Protanomaly

35.7795, 30.7188, 59.3019



Deuteranomaly

35.8648, 30.6069, 47.1975



Tritanomaly

42.6291, 31.4713, 33.5335

Monochromacy



Original Color

45.7204, 31.5029, 49.0183



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

35.0834, 31.2126, 40.2519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7204, 31.5029, 49.0183 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(225, 114, 184)` looks like.

```
.text, #text, p{  
    color:rgb(225, 114, 184)  
}
```

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(225, 114, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 114, 184) }
```

Border

The CSS property to change the border of an element to XYZ 45.7204, 31.5029, 49.0183 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(225, 114, 184) }
```


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

```
.border{ border-color:rgb(225, 114, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 114, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 114, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 114, 184);  
box-shadow:4px 4px 4px 4px rgb(225, 114,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7204, 31.5029, 49.0183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 114, 184) }
```

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

```
.background{ background-color: rgb(225,  
114, 184) }
```

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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