

Converting Colors

XYZ(44.5399, 31.1011, 55.4739)

Have a look what the booklet for
XYZ(44.5399, 31.1011, 55.4739)
contains.

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Color

**XYZ(44.4146, 31.0298,
55.2782)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D874C3 |
| RGB | 216, 116, 195 |
| RGB Percent | 85%, 45%, 76% |
| CMY | 0.1529, 0.5451, 0.2353 |
| CMYK | 0.00, 0.46, 0.10, 0.15 |
| HSL | 313°, 56%, 65% |
| HSV | 313°, 46%, 85% |
| XYZ | 44.4146, 31.0298, 55.2782 |
| YIQ | 154.9060, 34.2410, 45.7690 |

Conversions

Conversions Part 2

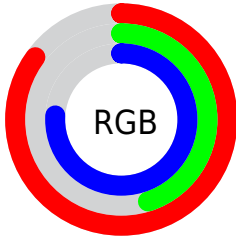
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 216, 116, 195 |
| Decimal | 14185667 |
| CIE Lab | 62.53, 49.50, -24.15 |
| CIE LCh | 63, 55.074, 333.994 |
| Yxy | 31.0298, 0.3398, 0.2374 |
| Android (android.graphics.Color) | 4292375747 (0xFFD874C3) |
| YUV | 154.9060, 19.7663, 53.5794 |
| Hunter-Lab | 55.7044, 44.8401, -19.8433 |

Details

The XYZ color **44.4146, 31.0298, 55.2782** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **36.2750, 54.6319, 32.3021**, and the grayscale version is **31.0199, 32.6353, 35.5399**.

A 20% lighter version of the original color is **73.3736, 57.4141, 99.3103**, and **20.8833, 12.8490, 26.5787** is the 20% darker color. If you saturate the color by 10%, you get **41.7031, 26.4148, 51.8823**, and if you desaturate by 10%, it is **47.7224, 36.8115, 58.9504**.

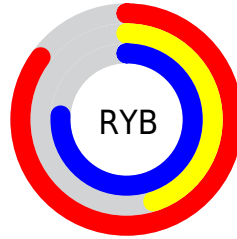
Distribution



Red (85%)

Green (45%)

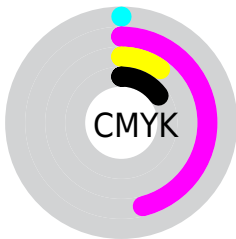
Blue (76%)



Red (85%)

Yellow (45%)

Blue (76%)

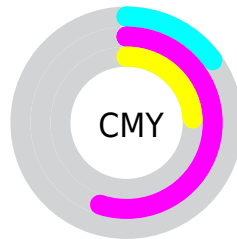


Cyan (0%)

Magenta (46%)

Yellow (10%)

Black (15%)



Cyan (15%)


Magenta (55%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4146, 31.0298, 55.2782 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 44.4146, 31.0298, 55.2782 by changing the saturation by 10% instead.

 44.4146, 31.0298,
55.2782


 44.4146, 31.0298,
55.2782

355.2212,
306.6756, 424.2773

 31.1959, 20.6215,
39.2244


 81.0837, 61.2870,
99.4237

 20.9006, 12.8476,
26.6252

 105.2649, 81.9047,
128.3524

 13.1634, 7.3237,
17.0620


 133.8309,
106.6944, 162.4099

 7.6190, 3.6654,
10.1163

167.1471,
136.0404, 202.0147

 3.9018, 1.4882,
5.3695

205.5789,
170.3271, 247.5853

 1.6468, 0.2804,
2.4031

249.4916,

 0.4226, 0.0000,

209.9389, 299.5402

0.7882

299.2506,
255.2603, 358.2980

■ 0.0000, 0.0000,
0.0000

■ 44.4146, 31.0298,
55.2782

■ 44.4146, 31.0298,
55.2782

■ 41.7031, 26.4148,
51.8823

■ 47.7224, 36.8115,
58.9504

■ 39.5442, 22.8807,
48.7465

■ 51.6606, 43.8292,
62.9099

■ 37.8928, 20.3370,
45.8554

■ 56.2639, 52.1519,
67.1693

■ 36.6949, 18.6763,
43.1904

■ 61.5638, 61.8423,
71.7399

■ 35.8832, 17.7637,
40.7282

■ 67.5897, 72.9588,
76.6319

■ 35.6354, 17.5256,
39.8521

■ 74.3693, 85.5567,
81.8552

■ 77.9105, 91.6516,
86.0798

■ 78.5441, 91.9051,
89.4166

■ 79.1944, 92.1652,
92.8410

Harmonies

Analogous

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



38.2957, 31.0298, 80.7898



44.4146, 31.0298, 55.2782



46.3100, 31.0298, 30.9952

Triad

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



44.4146, 31.0298, 55.2782



28.5016, 31.0298, 7.0898



19.0954, 31.0298, 62.4757

Complementary

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



44.4146, 31.0298, 55.2782



36.2750, 54.6319, 32.3021

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.



17.3372, 31.0298, 36.7398



44.4146, 31.0298, 55.2782



22.1544, 31.0298, 9.8362

Square

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



44.4146, 31.0298, 55.2782



36.2657, 31.0298, 8.6280



18.3548, 31.0298, 18.7418



23.6206, 31.0298, 86.0342

Rectangle

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



44.4146, 31.0298, 55.2782



44.6959, 31.0298, 19.6416



18.3548, 31.0298, 18.7418



18.1995, 31.0298, 53.4764

Sweetspot

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



44.4156, 31.0312, 55.2788



83.5160, 78.8262, 99.2161



28.7949, 22.6845, 67.8273



17.5350, 16.2513, 20.9344



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.



44.4156, 31.0312, 55.2788



60.6483, 38.3293, 75.4433



39.7538, 29.1665, 30.7302



12.8361, 12.5859, 15.0772



21.1330, 10.3895, 23.8019



1.3033, 0.6381, 1.5865

Inverse Universe

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



44.4156, 31.0312, 55.2788



60.6483, 38.3293, 75.4433



40.6224, 56.3709, 55.1953



12.8361, 12.5859, 15.0772



21.1330, 10.3895, 23.8019



1.3033, 0.6381, 1.5865

Previews

White Background



This preview shows how the XYZ color 44.4146, 31.0298, 55.2782 looks on a white background.

Color Contrast Check

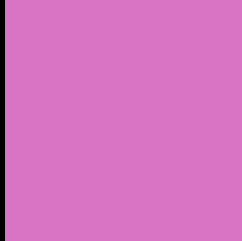
Large Text (above 18pt) WCAG AA × Fail

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 44.4146, 31.0298, 55.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

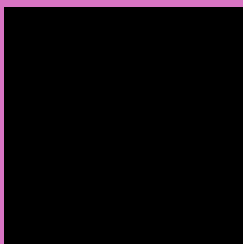
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4146, 31.0298, 55.2782

Background



This preview shows how black text looks on a background with the XYZ color 44.4146, 31.0298, 55.2782.



This preview shows how white text looks on a background with the XYZ color 44.4146, 31.0298,

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

44.4146, 31.0298, 55.2782

Protanopia

32.7190, 31.3293, 72.0328

Deuteranopia

31.9654, 31.3721, 52.5148



Tritanopia

38.6011, 30.8286, 27.9608

Trichromacy



Original Color

44.4146, 31.0298, 55.2782



Protanomaly

35.4015, 30.1715, 65.5858



Deuteranomaly

35.3629, 30.4236, 53.2987



Tritanomaly

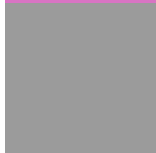
40.6170, 30.9156, 36.6274

Monochromacy



Original Color

44.4146, 31.0298, 55.2782



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

34.9120, 31.2991, 42.2315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4146, 31.0298, 55.2782 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(216, 116, 195)` looks like.

```
.text, #text, p{  
    color:rgb(216, 116, 195)  
}
```

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(216, 116, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 116, 195) }
```

Border

The CSS property to change the border of an element to XYZ 44.4146, 31.0298, 55.2782 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(216, 116, 195) }
```


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

```
.border{ border-color:rgb(216, 116, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 116, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 116, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 116, 195);  
box-shadow:4px 4px 4px 4px rgb(216, 116,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4146, 31.0298, 55.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 116, 195) }
```

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

```
.background{ background-color: rgb(216,  
116, 195) }
```

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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