

Converting Colors

XYZ(55.0989, 44.4908, 65.3356)

Have a look what the booklet for
XYZ(55.0989, 44.4908, 65.3356)
contains.

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Color

**XYZ(55.1014, 44.4907,
65.3579)**

Conversions

Conversions Part 1

Format	Color
Hex	E49BD0
RGB	228, 155, 208
RGB Percent	89%, 61%, 82%
CMY	0.1059, 0.3921, 0.1843
CMYK	0.00, 0.32, 0.09, 0.11
HSL	316°, 57%, 75%
HSV	316°, 32%, 89%
XYZ	55.1014, 44.4907, 65.3579
YIQ	182.8690, 26.4950, 31.9590

Conversions

Conversions Part 2

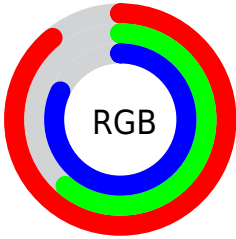
Format	Color
R _Y B	228, 155, 208
Decimal	14982096
CIE Lab	72.56, 35.21, -16.03
CIE LCh	73, 38.686, 335.522
Yxy	44.4907, 0.3340, 0.2697
Android (android.graphics.Color)	4293172176 (0xFFE49BD0)
YUV	182.8690, 12.3896, 39.5799
Hunter-Lab	66.7013, 30.7299, -11.4049

Details

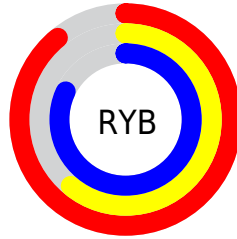
The XYZ color **55.1014, 44.4907, 65.3579** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.0007, 65.5518, 50.6304**, and the grayscale version is **44.8632, 47.1996, 51.4004**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **27.4776, 20.6915, 33.1175** is the 20% darker color. If you saturate the color by 10%, you get **50.9059, 37.3050, 60.2420**, and if you desaturate by 10%, it is **60.0462, 53.1253, 70.8739**.

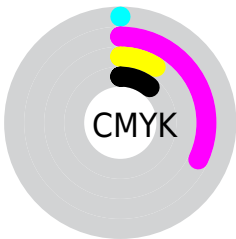
Distribution



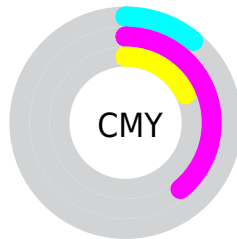
- Red (89%)
- Green (61%)
- Blue (82%)



- Red (89%)
- Yellow (61%)
- Blue (82%)



- Cyan (0%)
- Magenta (32%)
- Yellow (9%)
- Black (11%)





- Cyan (11%)
- Magenta (39%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1014, 44.4907, 65.3579 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 55.1014, 44.4907, 65.3579 by changing the saturation by 10% instead.


 55.1014, 44.4907,
65.3579


 55.1014, 44.4907,
65.3579


396.4263,
364.7069, 462.4184

 39.7171, 31.0565,
47.2982


 96.8370, 81.9556,
114.1824

 27.5012, 20.6418,
32.9154


 123.9189,
106.7551, 145.7843

 18.0886, 12.8625,
21.7911


155.6308,
136.1118, 182.7374

 11.1137, 7.3339,
13.5066

192.3379,
170.4100, 225.4601

 6.2112, 3.6718,
7.6435

234.4057,
210.0343, 274.3710

 3.0158, 1.4917,
3.7832

282.1995,

 1.1621, 0.2829,

255.3689, 329.8886

1.5072

336.0846,
306.7984, 392.4316

■ 0.0761, 0.0000,
0.2233

■ 0.0000, 0.0000,
0.0000

■ 55.1014, 44.4907,
65.3579

■ 55.1014, 44.4907,
65.3579

■ 50.9059, 37.3050,
60.2420

■ 60.0462, 53.1253,
70.8739

■ 47.4150, 31.4812,
55.5082


■ 65.7740, 63.2773,
76.8014


■ 44.5851, 26.9322,
51.1407


■ 72.3210, 75.0183,
83.1547


■ 42.3662, 23.5584,
47.1211


■ 79.7200, 88.4135,
89.9463


 40.7008, 21.2454,
43.4283


 83.3701, 94.2601,
95.6442

 39.5198, 19.8554,
40.0376

 84.3105, 94.6363,
100.5963

 38.8352, 19.2301,
37.5162

 85.2832, 95.0253,
105.7181

 85.8052, 95.2342,
108.4674

Harmonies

Analogous

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



50.2059, 44.4907, 85.0176



55.1014, 44.4907, 65.3579



56.4192, 44.4907, 44.9852

Triad

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



55.1014, 44.4907, 65.3579



41.0619, 44.4907, 20.2576



32.6620, 44.4907, 73.1414

Complementary

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



55.1014, 44.4907, 65.3579



49.0007, 65.5518, 50.6304

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.



30.7370, 44.4907, 52.0732



55.1014, 44.4907, 65.3579



35.2480, 44.4907, 24.2287

Square

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



55.1014, 44.4907, 65.3579



47.8413, 44.4907, 22.0639



31.6315, 44.4907, 34.7313



37.1803, 44.4907, 90.2780

Rectangle

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



55.1014, 44.4907, 65.3579



54.9834, 44.4907, 34.2465



31.6315, 44.4907, 34.7313



31.7131, 44.4907, 66.1031

Sweetspot

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



55.1027, 44.4927, 65.3588



86.3432, 84.3539, 100.5489



43.2866, 38.0988, 78.4719



18.2378, 17.6208, 21.2800



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.



55.1027, 44.4927, 65.3588



67.5501, 51.3743, 80.0829



51.1675, 42.9186, 44.6360



14.8178, 14.5443, 17.2408



22.4770, 11.1250, 21.9387



1.6996, 0.8375, 1.8245

Inverse Universe

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



55.1027, 44.4927, 65.3588



67.5501, 51.3743, 80.0829



53.0162, 67.1581, 71.7760



14.8178, 14.5443, 17.2408



22.4770, 11.1250, 21.9387



1.6996, 0.8375, 1.8245

Previews

White Background



This preview shows how the XYZ color 55.1014, 44.4907, 65.3579 looks on a white background.

Color Contrast Check

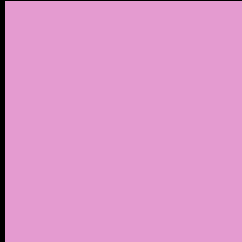
Large Text (above 18pt) WCAG AA × Fail

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 55.1014, 44.4907, 65.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

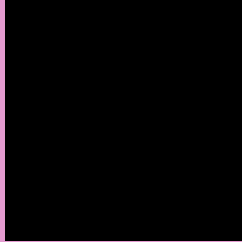
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1014, 44.4907, 65.3579

Background



This preview shows how black text looks on a background with the XYZ color 55.1014, 44.4907, 65.3579.



This preview shows how white text looks on a background with the XYZ color 55.1014, 44.4907,

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

55.1014, 44.4907, 65.3579

Protanopia

44.9778, 44.9875, 76.1249

Deuteranopia

45.6839, 44.7472, 63.9869



Tritanopia

51.1253, 44.3930, 45.9185

Trichromacy



Original Color

55.1014, 44.4907, 65.3579



Protanomaly

47.8291, 44.2567, 72.3512



Deuteranomaly

48.5125, 44.2358, 64.3740



Tritanomaly

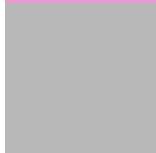
52.3124, 44.3490, 52.2574

Monochromacy



Original Color

55.1014, 44.4907, 65.3579



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

48.0112, 45.8350, 56.1858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1014, 44.4907, 65.3579 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(228, 155, 208)` looks like.

```
.text, #text, p{  
    color:rgb(228, 155, 208)  
}
```

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(228, 155, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 155, 208) }
```

Border

The CSS property to change the border of an element to XYZ 55.1014, 44.4907, 65.3579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

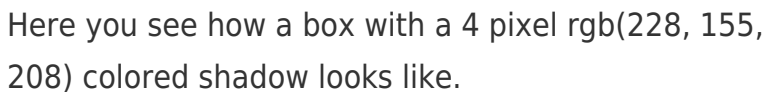
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 155, 208) }
```


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

```
.border{ border-color:rgb(228, 155, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 155, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 155, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 155, 208);  
box-shadow:4px 4px 4px 4px rgb(228, 155,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1014, 44.4907, 65.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 155, 208) }
```

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

```
.background{ background-color: rgb(228,  
155, 208) }
```

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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