

Converting Colors

XYZ(44.2864, 44.7324, 59.5258)

Have a look what the booklet for
XYZ(44.2864, 44.7324, 59.5258)
contains.

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Color

**XYZ(44.3088, 44.7116,
59.7210)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B0C6
RGB	179, 176, 198
RGB Percent	70%, 69%, 78%
CMY	0.2980, 0.3098, 0.2235
CMYK	0.10, 0.11, 0.00, 0.22
HSL	248°, 16%, 73%
HSV	248°, 11%, 78%
XYZ	44.3088, 44.7116, 59.7210
YIQ	179.4050, -5.2740, 7.4780

Conversions

Conversions Part 2

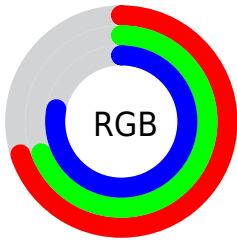
Format	Color
R_{YB}	179, 176, 198
Decimal	11776198
CIE Lab	72.70, 5.36, -10.78
CIE LCh	73, 12.038, 296.428
Yxy	44.7116, 0.2979, 0.3006
Android (android.graphics.Color)	4289966278 (0xFFB3B0C6)
YUV	179.4050, 9.1673, -0.3552
Hunter-Lab	66.8667, 1.2651, -6.1472

Details

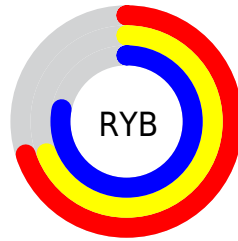
The XYZ color **44.3088, 44.7116, 59.7210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5379, 55.1261, 49.0532**, and the grayscale version is **43.0195, 45.2599, 49.2880**.

A 20% lighter version of the original color is **81.1676, 82.5954, 106.2723**, and **20.8459, 20.8645, 29.3141** is the 20% darker color. If you saturate the color by 10%, you get **36.9959, 35.5936, 58.3472**, and if you desaturate by 10%, it is **52.6809, 55.2186, 61.3085**.

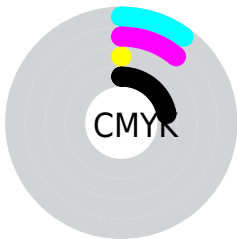
Distribution



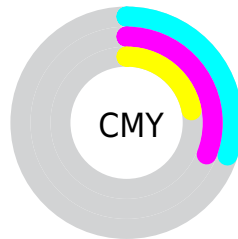
- Red (70%)
- Green (69%)
- Blue (78%)



- Red (70%)
- Yellow (69%)
- Blue (78%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (30%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3088, 44.7116, 59.7210 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 44.3088, 44.7116, 59.7210 by changing the saturation by 10% instead.

■ 44.3088, 44.7116,
59.7210

■ 44.3088, 44.7116,
59.7210

354.7979,
365.6043, 441.3447

■ 31.1123, 31.2303,
42.7700

■ 80.9257, 82.2875,
105.9642

■ 20.8366, 20.7743,
29.3746

105.0768,
107.1508, 136.0935

■ 13.1164, 12.9591,
19.1164

133.6101,
136.5771, 171.4527

■ 7.5863, 7.4004,
11.5767

166.8911,
170.9505, 212.4602

■ 3.8810, 3.7137,
6.3371

205.2849,
210.6555, 259.5346

■ 1.6350, 1.5148,
2.9791

249.1571,

■ 0.4151, 0.2991,

256.0766, 313.0944

1.0840

298.8730,
307.5980, 373.5583

■ 0.0000, 0.0000,
0.0000

■ 44.3088, 44.7116,
59.7210

■ 44.3088, 44.7116,
59.7210

■ 36.9959, 35.5936,
58.3472

■ 52.6809, 55.2186,
61.3085

■ 30.6958, 27.8010,
57.1751

■ 62.1481, 67.1634,
63.1151

■ 25.3648, 21.2734,
56.1961

■ 72.7494, 80.5998,
65.1498

■ 20.9543, 15.9436,
55.3998

■ 84.4555, 95.4460,
67.3985

■ 17.4115, 11.7384,
54.7749

■ 87.1932, 96.8573,
67.5266

■ 14.6780, 8.5762,
54.3086

■ 12.6881, 6.3643,
53.9865

■ 11.3656, 4.9933,
53.7916

■ 10.6447, 4.3100,
53.6977

Harmonies

Analogous

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



42.2474, 44.7116, 61.0824



44.3088, 44.7116, 59.7210



45.9301, 44.7116, 55.3214

Triad

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



44.3088, 44.7116, 59.7210



44.7557, 44.7116, 39.7191



38.6152, 44.7116, 47.9706

Complementary

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



44.3088, 44.7116, 59.7210



50.5379, 55.1261, 49.0532

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.



39.2394, 44.7116, 42.5987



44.3088, 44.7116, 59.7210



42.7476, 44.7116, 38.0871

Square

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



44.3088, 44.7116, 59.7210



46.1940, 44.7116, 43.7438



40.7353, 44.7116, 39.0970



39.0027, 44.7116, 53.9814

Rectangle

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



44.3088, 44.7116, 59.7210



46.5198, 44.7116, 51.4313



40.7353, 44.7116, 39.0970



38.7131, 44.7116, 46.0350

Sweetspot

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



44.3101, 44.7135, 59.7220



90.2686, 93.9841, 107.9908



47.6290, 52.3687, 61.0247



19.0542, 19.7808, 23.0638



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.



44.3101, 44.7135, 59.7220



75.6108, 75.6111, 105.2170



46.9385, 46.0684, 59.8450



10.1889, 10.3556, 13.3793



6.9650, 2.8248, 34.9225



0.3748, 0.1569, 1.6557

Inverse Universe

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



48.6659, 46.9985, 58.1386



84.6526, 80.3554, 101.8882



47.8151, 53.7224, 48.9258



11.0185, 10.7908, 13.0808



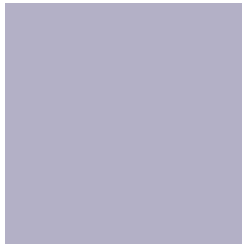
19.9500, 9.7296, 26.0105



0.9623, 0.4678, 1.3245

Previews

White Background



This preview shows how the XYZ color 44.3088, 44.7116, 59.7210 looks on a white background.

Color Contrast Check

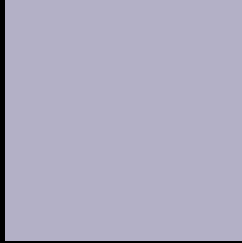
Large Text (above 18pt) WCAG AA × Fail

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 44.3088, 44.7116, 59.7210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

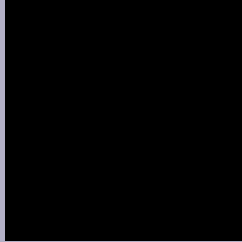
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3088, 44.7116, 59.7210

Background



This preview shows how black text looks on a background with the XYZ color 44.3088, 44.7116, 59.7210.



This preview shows how white text looks on a background with the XYZ color 44.3088, 44.7116,

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

44.3088, 44.7116, 59.7210

Protanopia

43.7101, 44.6818, 60.3535

Deuteranopia

45.5788, 44.7884, 59.6688



Tritanopia

43.4862, 44.6708, 55.6206

Trichromacy



Original Color

44.3088, 44.7116, 59.7210

Protanomaly

43.9354, 44.7979, 60.3640

Deuteranomaly

45.0515, 44.8044, 59.6997

Tritanomaly

43.8198, 44.8043, 57.3775

Monochromacy



Original Color

44.3088, 44.7116, 59.7210

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.3737, 44.9697, 52.8483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3088, 44.7116, 59.7210 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(179, 176, 198) looks like.

```
.text, #text, p{  
    color:rgb(179, 176, 198)  
}
```

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(179, 176, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 176, 198) }
```

Border

The CSS property to change the border of an element to XYZ 44.3088, 44.7116, 59.7210 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(179, 176, 198) }
```


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

```
.border{ border-color:rgb(179, 176, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 176, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 176, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 176, 198);  
box-shadow:4px 4px 4px 4px rgb(179, 176,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3088, 44.7116, 59.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 176, 198) }
```

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

```
.background{ background-color: rgb(179,  
176, 198) }
```

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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