

Converting Colors

XYZ(44.3445, 44.6982, 62.5837)

Have a look what the booklet for
XYZ(44.3445, 44.6982, 62.5837)
contains.

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Color

**XYZ(44.4363, 44.7096,
62.7877)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B0CB
RGB	177, 176, 203
RGB Percent	69%, 69%, 80%
CMY	0.3059, 0.3098, 0.2039
CMYK	0.13, 0.13, 0.00, 0.20
HSL	242°, 21%, 74%
HSV	242°, 13%, 80%
XYZ	44.4363, 44.7096, 62.7877
YIQ	179.3770, -8.0710, 8.6090

Conversions

Conversions Part 2

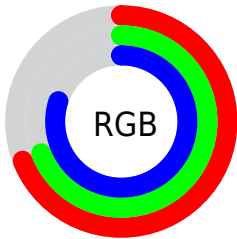
Format	Color
R_{YB}	177, 176, 203
Decimal	11645131
CIE _{Lab}	72.70, 5.74, -13.54
CIE _{LCh}	73, 14.703, 292.959
Yxy	44.7096, 0.2925, 0.2943
Android (android.graphics.Color)	4289835211 (0xFFB1B0CB)
YUV	179.3770, 11.6461, -2.0846
Hunter-Lab	66.8652, 1.6107, -8.8687

Details

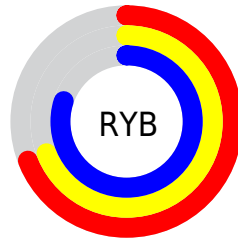
The XYZ color **44.4363, 44.7096, 62.7877** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.5511, 58.4042, 49.5271**, and the grayscale version is **42.9928, 45.2318, 49.2574**.

A 20% lighter version of the original color is **80.5109, 82.2569, 106.2415**, and **20.9446, 20.8703, 31.3582** is the 20% darker color. If you saturate the color by 10%, you get **36.6115, 35.2032, 61.3659**, and if you desaturate by 10%, it is **53.4970, 55.7390, 64.4397**.

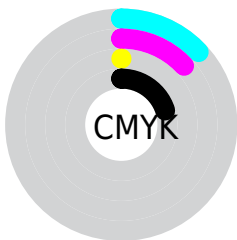
Distribution



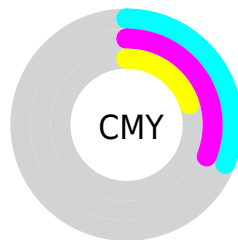
- Red (69%)
- Green (69%)
- Blue (80%)



- Red (69%)
- Yellow (69%)
- Blue (80%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4363, 44.7096, 62.7877 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 44.4363, 44.7096, 62.7877 by changing the saturation by 10% instead.

■ 44.4363, 44.7096,
62.7877

■ 44.4363, 44.7096,
62.7877

355.3080,
365.5962, 452.8853

■ 31.2130, 31.2288,
45.2296

■ 81.1162, 82.2845,
110.4458

■ 20.9137, 20.7731,
31.2940

105.3035,
107.1473, 141.3828

■ 13.1731, 12.9582,
20.5625

133.8762,
136.5728, 177.6166

■ 7.6257, 7.3998,
12.6165

167.1996,
170.9456, 219.5657

■ 3.9061, 3.7134,
7.0374

205.6391,
210.6499, 267.6485

■ 1.6492, 1.5146,
3.4067

249.5602,

■ 0.4241, 0.2989,

256.0702, 322.2837

1.3059

299.3280,
307.5908, 383.8898

■ 0.0000, 0.0000,
0.0666

■ 0.0000, 0.0000,
0.0000

■ 44.4363, 44.7096,
62.7877

■ 44.4363, 44.7096,
62.7877

■ 36.6115, 35.2032,
61.3659

■ 53.4970, 55.7390,
64.4397

■ 29.9651, 27.1476,
60.1613

■ 63.8396, 68.3483,
66.3285

■ 24.4413, 20.4733,
59.1642

■ 75.5126, 82.5982,
68.4637

■ 19.9782, 15.1025,
58.3627

■ 87.7796, 97.0919,
70.6148

■ 16.5076, 10.9500,
57.7442

■ 13.9538, 7.9206,
57.2940

■ 12.2299, 5.9046,
56.9957

■ 11.2323, 4.7705,
56.8294

■ 10.8735, 4.3603,
56.7692

Harmonies

Analogous

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



41.8970, 44.7096, 63.9876



44.4363, 44.7096, 62.7877



46.5297, 44.7096, 57.6383

Triad

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



44.4363, 44.7096, 62.7877



45.5173, 44.7096, 38.3120



37.8129, 44.7096, 46.9802

Complementary

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



44.4363, 44.7096, 62.7877



53.5511, 58.4042, 49.5271

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.



38.7008, 44.7096, 40.7037



44.4363, 44.7096, 62.7877



43.0989, 44.7096, 36.0338

Square

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



44.4363, 44.7096, 62.7877



47.1711, 44.7096, 43.4072



40.6113, 44.7096, 36.8635



38.1389, 44.7096, 54.3659

Rectangle

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



44.4363, 44.7096, 62.7877



47.3569, 44.7096, 52.9129



40.6113, 44.7096, 36.8635



37.9781, 44.7096, 44.6813

Sweetspot

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



44.4377, 44.7115, 62.7887



88.3599, 91.8482, 107.6791



49.8294, 55.8310, 64.6508



18.6518, 19.3416, 23.0002



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.



44.4377, 44.7115, 62.7887



70.3799, 69.9689, 104.4037



47.6417, 46.3632, 62.9386



10.6394, 10.8634, 14.1065



6.9367, 2.7835, 36.1279



0.3716, 0.1507, 1.8644

Inverse Universe

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



50.8161, 48.0134, 62.4685



83.1454, 76.5777, 103.7389



50.0809, 56.6153, 49.3647



11.6689, 11.3963, 14.0573



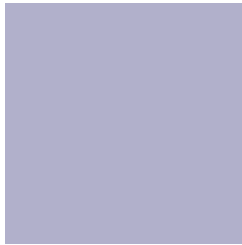
21.9859, 10.6049, 33.9739



1.1399, 0.5494, 1.7828

Previews

White Background



This preview shows how the XYZ color 44.4363, 44.7096, 62.7877 looks on a white background.

Color Contrast Check

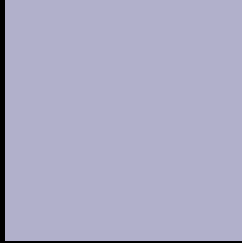
Large Text (above 18pt) WCAG AA × Fail

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 44.4363, 44.7096, 62.7877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

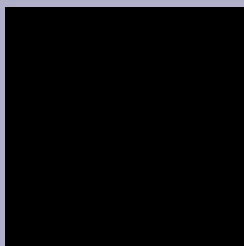
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4363, 44.7096, 62.7877

Background



This preview shows how black text looks on a background with the XYZ color 44.4363, 44.7096, 62.7877.



This preview shows how white text looks on a background with the XYZ color 44.4363, 44.7096,

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

44.4363, 44.7096, 62.7877

Protanopia

44.0768, 44.8026, 63.4514

Deuteranopia

45.6827, 44.7742, 62.7345



Tritanopia

43.1140, 44.7605, 56.2365

Trichromacy



Original Color

44.4363, 44.7096, 62.7877

Protanomaly

44.3004, 44.9179, 63.4619

Deuteranomaly

45.1655, 44.7955, 62.7658

Tritanomaly

43.5904, 44.6599, 58.5473

Monochromacy



Original Color

44.4363, 44.7096, 62.7877

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.3576, 44.9366, 53.9654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4363, 44.7096, 62.7877 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(177, 176, 203)` looks like.

```
.text, #text, p{  
    color:rgb(177, 176, 203)  
}
```

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(177, 176, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 176, 203) }
```

Border

The CSS property to change the border of an element to XYZ 44.4363, 44.7096, 62.7877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

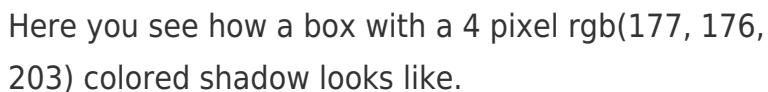
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 176, 203) }
```


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

```
.border{ border-color:rgb(177, 176, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 176, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 176, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 176, 203); box-shadow:4px 4px 4px 4px rgb(177, 176, 203) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4363, 44.7096, 62.7877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 176, 203) }
```

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

```
.background{ background-color: rgb(177,  
176, 203) }
```

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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