

Converting Colors

XYZ(44.6856, 43.1023, 63.7220)

Have a look what the booklet for
XYZ(44.6856, 43.1023, 63.7220)
contains.

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Color

**XYZ(44.6856, 43.1023,
63.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AACD
RGB	182, 170, 205
RGB Percent	71%, 67%, 80%
CMY	0.2863, 0.3333, 0.1961
CMYK	0.11, 0.17, 0.00, 0.20
HSL	261°, 26%, 74%
HSV	261°, 17%, 80%
XYZ	44.6856, 43.1023, 63.7220
YIQ	177.5780, -4.0830, 13.4290

Conversions

Conversions Part 2

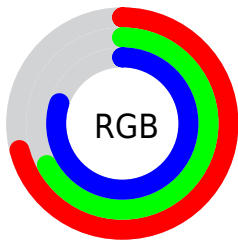
Format	Color
RYB	182, 170, 205
Decimal	11971277
CIELab	71.62, 11.10, -16.21
CIELCh	72, 19.648, 304.387
Yxy	43.1023, 0.2949, 0.2845
Android (android.graphics.Color)	4290161357 (0xFFB6AACD)
YUV	177.5780, 13.5190, 3.8781
Hunter-Lab	65.6523, 6.6026, -11.5901

Details

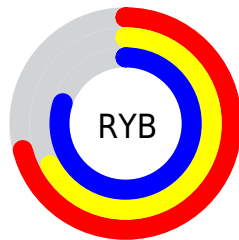
The XYZ color **44.6856, 43.1023, 63.7220** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.0808, 57.9035, 46.5164**, and the grayscale version is **42.0277, 44.2164, 48.1517**.

A 20% lighter version of the original color is **80.2351, 79.2476, 105.6752**, and **21.1176, 19.8584, 31.9982** is the 20% darker color. If you saturate the color by 10%, you get **38.1084, 34.4456, 62.3984**, and if you desaturate by 10%, it is **52.1708, 53.1189, 65.2616**.

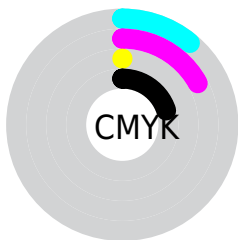
Distribution



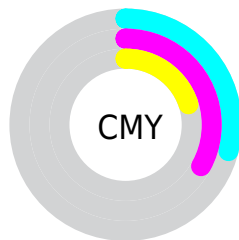
- Red (71%)
- Green (67%)
- Blue (80%)



- Red (71%)
- Yellow (67%)
- Blue (80%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6856, 43.1023, 63.7220 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 44.6856, 43.1023, 63.7220 by changing the saturation by 10% instead.

■ 44.6856, 43.1023,
63.7220

■ 44.6856, 43.1023,
63.7220

356.3039,
359.0323, 456.3649

■ 31.4101, 29.9654,
45.9808

■ 81.4884, 79.8652,
111.8061

■ 21.0647, 19.8123,
31.8821

105.7464,
104.2600, 142.9861

■ 13.2840, 12.2587,
21.0074

134.3959,
133.1762, 179.4827

■ 7.7028, 6.9201,
12.9381

167.8023,
166.9982, 221.7146

■ 3.9555, 3.4122,
7.2557

206.3309,
206.1105, 270.1002

■ 1.6770, 1.3505,
3.5417

250.3472,

■ 0.4418, 0.1798,

250.8973, 325.0581

1.3774

300.2164,
301.7431, 387.0068

■ 0.0000, 0.0000,
0.1240

■ 0.0000, 0.0000,
0.0000

■ 44.6856, 43.1023,
63.7220

■ 44.6856, 43.1023,
63.7220

■ 38.1084, 34.4456,
62.3984

■ 52.1708, 53.1189,
65.2616

■ 32.3990, 27.0836,
61.2783

■ 60.5942, 64.5459,
67.0232

■ 27.5198, 20.9537,
60.3523

■ 69.9893, 77.4381,
69.0165

■ 23.4288, 15.9859,
59.6090

■ 80.3871, 91.8455,
71.2494

■ 20.0800, 12.1028,
59.0360

■ 85.9758, 96.1342,
71.7826

■ 17.4220, 9.2176,
58.6192

■ 88.0196, 97.1878,
71.8783

■ 15.3961, 7.2291,
58.3422

■ 13.9261, 6.0029,
58.1830

■ 13.5656, 5.7204,
58.1474

Harmonies

Analogous

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



41.4585, 43.1023, 67.6584



44.6856, 43.1023, 63.7220



47.0075, 43.1023, 55.3002

Triad

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



44.6856, 43.1023, 63.7220



43.7940, 43.1023, 32.2801



34.9174, 43.1023, 48.3457

Complementary

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



44.6856, 43.1023, 63.7220



51.0808, 57.9035, 46.5164

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.



35.4683, 43.1023, 39.4521



44.6856, 43.1023, 63.7220



40.4803, 43.1023, 30.9389

Square

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



44.6856, 43.1023, 63.7220



46.4736, 43.1023, 37.3304



37.4615, 43.1023, 33.3838



35.9144, 43.1023, 58.0510

Rectangle

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



44.6856, 43.1023, 63.7220



47.6656, 43.1023, 48.7450



37.4615, 43.1023, 33.3838



34.9282, 43.1023, 45.1628

Sweetspot

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



44.6869, 43.1041, 63.7230



88.1009, 90.5785, 107.4477



46.7422, 51.2427, 65.1855



18.6550, 19.1144, 22.9562



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.



44.6869, 43.1041, 63.7230



69.6093, 65.8540, 103.6500



48.9929, 45.3239, 63.9245



10.9583, 11.0278, 14.1214



8.5373, 3.6087, 36.2029



0.5216, 0.2280, 1.8715

Inverse Universe

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



49.1786, 45.5806, 56.6598



78.1944, 70.5904, 90.0204



46.9553, 55.7767, 46.3234



11.5178, 11.3358, 13.2612



18.4299, 9.1825, 15.2482



0.9855, 0.4876, 0.9696

Previews

White Background



This preview shows how the XYZ color 44.6856, 43.1023, 63.7220 looks on a white background.

Color Contrast Check

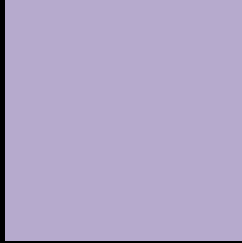
Large Text (above 18pt) WCAG AA × Fail

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 44.6856, 43.1023, 63.7220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

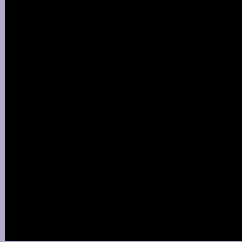
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.6856, 43.1023, 63.7220

Background



This preview shows how black text looks on a background with the XYZ color 44.6856, 43.1023, 63.7220.



This preview shows how white text looks on a background with the XYZ color 44.6856, 43.1023,

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

44.6856, 43.1023, 63.7220

Protanopia

42.8834, 43.2612, 65.7646

Deuteranopia

43.9425, 42.9986, 63.7411



Tritanopia

42.5036, 43.0587, 53.0847

Trichromacy



Original Color

44.6856, 43.1023, 63.7220

Protanomaly

43.6616, 43.3908, 65.1055

Deuteranomaly

44.1728, 43.1173, 63.7519

Tritanomaly

43.3125, 43.1034, 57.0759

Monochromacy



Original Color

44.6856, 43.1023, 63.7220

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.9975, 43.8745, 53.7794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6856, 43.1023, 63.7220 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(182, 170, 205)` looks like.

```
.text, #text, p{  
    color:rgb(182, 170, 205)  
}
```

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(182, 170, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 170, 205) }
```

Border

The CSS property to change the border of an element to XYZ 44.6856, 43.1023, 63.7220 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(182, 170, 205) }
```


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

```
.border{ border-color:rgb(182, 170, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 170, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 170, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 170, 205);  
box-shadow:4px 4px 4px 4px rgb(182, 170,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6856, 43.1023, 63.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 170, 205) }
```

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

```
.background{ background-color: rgb(182,  
170, 205) }
```

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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