

Converting Colors

XYZ(44.8597, 28.7951, 61.0043)

Have a look what the booklet for
XYZ(44.8597, 28.7951, 61.0043)
contains.

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Color

**XYZ(44.8865, 28.7752,
60.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	DB65CD
RGB	219, 101, 205
RGB Percent	86%, 40%, 80%
CMY	0.1412, 0.6039, 0.1961
CMYK	0.00, 0.54, 0.06, 0.14
HSL	307°, 62%, 63%
HSV	307°, 54%, 86%
XYZ	44.8865, 28.7752, 60.9460
YIQ	148.1380, 36.9440, 57.3600

Conversions

Conversions Part 2

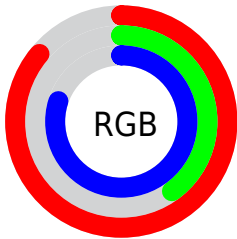
Format	Color
R_{YB}	219, 101, 205
Decimal	14378445
CIE _{Lab}	60.58, 59.27, -32.79
CIE _{LCh}	61, 67.736, 331.051
Yxy	28.7752, 0.3335, 0.2138
Android (android.graphics.Color)	4292568525 (0xFFDB65CD)
YUV	148.1380, 28.0330, 62.1460
Hunter-Lab	53.6425, 55.4892, -29.8126

Details

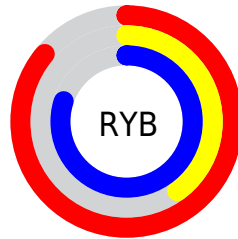
The XYZ color **44.8865, 28.7752, 60.9460** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **33.7941, 54.6685, 24.9925**, and the grayscale version is **28.0829, 29.5454, 32.1749**.

A 20% lighter version of the original color is **71.3470, 52.5939, 100.9990**, and **21.1036, 11.5804, 29.9771** is the 20% darker color. If you saturate the color by 10%, you get **42.7257, 24.9508, 58.6912**, and if you desaturate by 10%, it is **47.6209, 33.7372, 63.4183**.

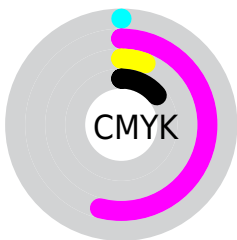
Distribution



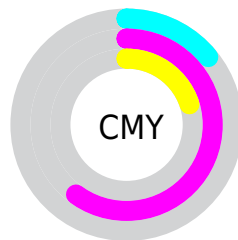
- Red (86%)
- Green (40%)
- Blue (80%)



- Red (86%)
- Yellow (40%)
- Blue (80%)



- Cyan (0%)
- Magenta (54%)
- Yellow (6%)
- Black (14%)



- Cyan (14%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.8865, 28.7752, 60.9460 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 44.8865, 28.7752, 60.9460 by changing the saturation by 10% instead.


 44.8865, 28.7752,
60.9460


 44.8865, 28.7752,
60.9460

357.1051,
296.1528, 445.9771


 31.5689, 18.9108,
43.7513


 81.7882, 57.7197,
107.7575


 21.1864, 11.6059,
30.1393

 106.1030, 77.5687,
138.2114

 13.3736, 6.4759,
19.6914


 134.8143,
101.5146, 173.9222

 7.7651, 3.1366,
11.9891

 168.2874,
129.9419, 215.3082

 3.9955, 1.2034,
6.6138

206.8877,
163.2350, 262.7882

 1.6996, 0.0645,
3.1470

250.9805,

 0.4560, 0.0000,

201.7782, 316.7807

1.1702

300.9312,
245.9561, 377.7041

■ 0.0000, 0.0000,
0.0000

■ 44.8865, 28.7752,
60.9460

■ 44.8865, 28.7752,
60.9460

■ 42.7257, 24.9508,
58.6912

■ 47.6209, 33.7372,
63.4183

■ 41.0894, 22.1678,
56.6365

■ 50.9670, 39.9148,
66.1200

■ 39.9253, 20.3210,
54.7647

■ 54.9630, 47.3839,
69.0643

■ 39.1688, 19.2809,
53.0540

■ 59.6432, 56.2129,
72.2628

■ 38.8411, 18.9112,
52.0645

■ 65.0395, 66.4654,
75.7261

■ 71.1816, 78.2013,
79.4643

■ 78.0978, 91.4766,
83.4870

■ 78.6722, 92.0596,
85.4223

■ 79.0311, 92.2032,
87.3124

Harmonies

Analogous

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



36.9858, 28.7752, 93.4556



44.8865, 28.7752, 60.9460



47.8736, 28.7752, 30.4554

Triad

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



44.8865, 28.7752, 60.9460



27.0424, 28.7752, 3.6208



15.3130, 28.7752, 63.3636

Complementary

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



44.8865, 28.7752, 60.9460



33.7941, 54.6685, 24.9925

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.



13.7337, 28.7752, 32.2238



44.8865, 28.7752, 60.9460



19.5525, 28.7752, 5.5173

Square

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



44.8865, 28.7752, 60.9460



36.3357, 28.7752, 5.2442



15.1042, 28.7752, 13.3075



19.9831, 28.7752, 95.2997

Rectangle

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



44.8865, 28.7752, 60.9460



46.2641, 28.7752, 17.0069



15.1042, 28.7752, 13.3075



14.4540, 28.7752, 52.0386

Sweetspot

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



44.8875, 28.7765, 60.9466



82.6175, 76.3665, 100.9591



24.4808, 18.0524, 69.2127



17.3825, 15.7769, 21.4060



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.



44.8875, 28.7765, 60.9466



59.8768, 34.4639, 82.3464



39.0748, 26.4514, 30.3372



13.5444, 13.2469, 16.1280



23.0576, 11.2241, 31.0128



1.5130, 0.7348, 2.1103

Inverse Universe

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



44.8875, 28.7765, 60.9466



59.8768, 34.4639, 82.3464



38.3168, 56.4776, 48.8085



13.5444, 13.2469, 16.1280



23.0576, 11.2241, 31.0128



1.5130, 0.7348, 2.1103

Previews

White Background



This preview shows how the XYZ color 44.8865, 28.7752, 60.9460 looks on a white background.

Color Contrast Check

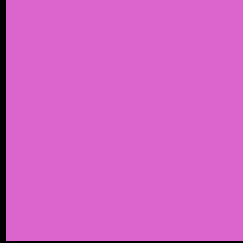
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.8865, 28.7752, 60.9460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

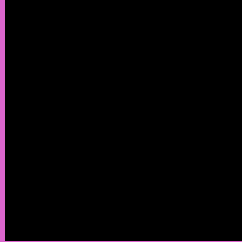
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.8865, 28.7752, 60.9460

Background



This preview shows how black text looks on a background with the XYZ color 44.8865, 28.7752, 60.9460.

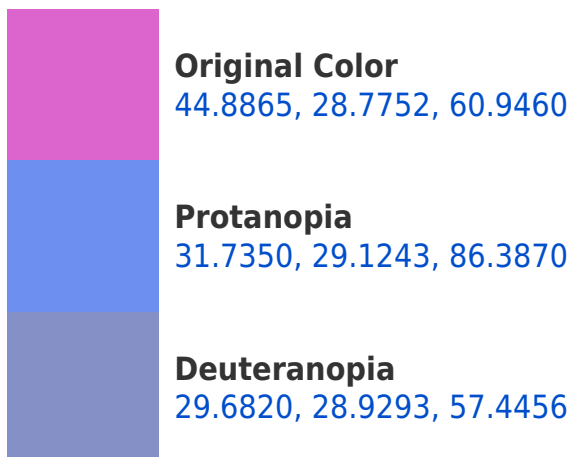


This preview shows how white text looks on a background with the XYZ color 44.8865, 28.7752,

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





Tritanopia

37.2573, 28.7196, 24.3486

Trichromacy



Original Color

44.8865, 28.7752, 60.9460



Protanomaly

33.7970, 27.2803, 76.1574



Deuteranomaly

33.5716, 27.5479, 58.8062



Tritanomaly

39.4315, 28.3907, 35.3000

Monochromacy



Original Color

44.8865, 28.7752, 60.9460



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

32.7333, 28.0958, 41.2339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8865, 28.7752, 60.9460 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(219, 101, 205)` looks like.

```
.text, #text, p{  
    color:rgb(219, 101, 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(219, 101, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 101, 205) }
```

Border

The CSS property to change the border of an element to XYZ 44.8865, 28.7752, 60.9460 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(219, 101, 205) }
```


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

```
.border{ border-color:rgb(219, 101, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 101, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 101, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 101, 205);  
box-shadow:4px 4px 4px 4px rgb(219, 101,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8865, 28.7752, 60.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 101, 205) }
```

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

```
.background{ background-color: rgb(219,  
101, 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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