

Converting Colors

XYZ(52.8334, 36.3484, 81.1260)

Have a look what the booklet for
XYZ(52.8334, 36.3484, 81.1260)
contains.

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Color

**XYZ(52.7821, 36.3977,
81.3343)**

Conversions

Conversions Part 1

Format	Color
Hex	E07DE9
RGB	224, 125, 233
RGB Percent	88%, 49%, 91%
CMY	0.1216, 0.5098, 0.0863
CMYK	0.04, 0.46, 0.00, 0.09
HSL	295°, 71%, 70%
HSV	295°, 46%, 91%
XYZ	52.7821, 36.3977, 81.3343
YIQ	166.9130, 24.3360, 54.5760

Conversions

Conversions Part 2

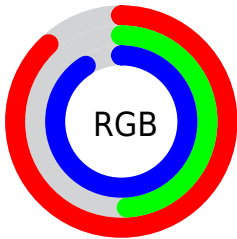
Format	Color
R _Y B	224, 125, 233
Decimal	14712297
CIE Lab	66.82, 53.98, -38.67
CIE LCh	67, 66.406, 324.385
Yxy	36.3977, 0.3095, 0.2135
Android (android.graphics.Color)	4292902377 (0xFFE07DE9)
YUV	166.9130, 32.5809, 50.0653
Hunter-Lab	60.3305, 50.5881, -37.7002

Details

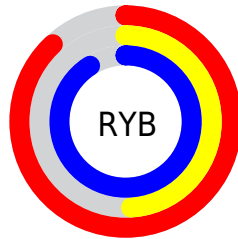
The XYZ color **52.7821, 36.3977, 81.3343** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **42.6732, 64.8276, 29.6675**, and the grayscale version is **36.5276, 38.4299, 41.8502**.

A 20% lighter version of the original color is **75.6113, 61.1225, 102.4204**, and **26.1254, 15.8963, 43.2863** is the 20% darker color. If you saturate the color by 10%, you get **49.5732, 30.8672, 80.4365**, and if you desaturate by 10%, it is **56.6922, 43.3184, 82.4646**.

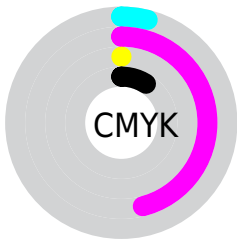
Distribution



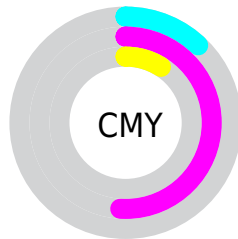
- Red (88%)
- Green (49%)
- Blue (91%)



- Red (88%)
- Yellow (49%)
- Blue (91%)



- Cyan (4%)
- Magenta (46%)
- Yellow (0%)
- Black (9%)





- Cyan (12%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7821, 36.3977, 81.3343 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 52.7821, 36.3977, 81.3343 by changing the saturation by 10% instead.


 52.7821, 36.3977,
81.3343


 52.7821, 36.3977,
81.3343


387.7231,
330.6955, 519.2431


 37.8556, 24.7415,
60.2844

 93.4511, 69.6455,
137.0684

 26.0474, 15.8846,
43.2211


 119.9243, 92.0058,
172.5896

 16.9919, 9.4425,
29.7259


 150.9771,
118.7030, 213.7716

 10.3240, 5.0309,
19.3804

186.9749,
150.1215, 261.0330

 5.6782, 2.2654,
11.7659

228.2831,
186.6455, 314.7923

 2.6892, 0.7553,
6.4639

275.2669,

 0.9916, 0.0000,

228.6596, 375.4681

3.0558

328.2918,
276.5482, 443.4788

■ 0.0000, 0.0000,
1.1232

■ 0.0000, 0.0000,
0.0000

■ 52.7821, 36.3977,
81.3343

■ 52.7821, 36.3977,
81.3343

■ 49.5732, 30.8672,
80.4365

■ 56.6922, 43.3184,
82.4646

■ 47.0125, 26.6239,
79.7524


■ 61.3439, 51.7133,
83.8398


■ 45.0458, 23.5584,
79.2643


■ 66.7793, 61.6652,
85.4742


■ 43.6080, 21.5407,
78.9507


■ 73.0361, 73.2495,
87.3804


 42.6180, 20.4083,
78.7843


 80.1495, 86.5366,
89.5702

 42.3189, 20.1171,
78.7438

 84.9443, 95.1764,
90.9851

 85.5912, 95.5099,
91.0154

 86.2452, 95.8470,
91.0460

 86.9062, 96.1878,
91.0769

Harmonies

Analogous

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



43.1932, 36.3977, 114.3281



52.7821, 36.3977, 81.3343



57.5839, 36.3977, 45.2907

Triad

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



52.7821, 36.3977, 81.3343



36.5185, 36.3977, 6.1437



19.8224, 36.3977, 67.1209

Complementary

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



52.7821, 36.3977, 81.3343



42.6732, 64.8276, 29.6675

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.



18.7194, 36.3977, 34.4634



52.7821, 36.3977, 81.3343



27.2209, 36.3977, 7.5913

Square

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



52.7821, 36.3977, 81.3343



47.0990, 36.3977, 9.5346



21.1543, 36.3977, 15.3660



24.5265, 36.3977, 103.7117

Rectangle

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



52.7821, 36.3977, 81.3343



56.8669, 36.3977, 27.4210



21.1543, 36.3977, 15.3660



19.0618, 36.3977, 55.0146

Sweetspot

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



52.7834, 36.3993, 81.3351



83.6139, 78.7399, 105.3991



31.6920, 27.2950, 80.6894



17.5586, 16.2298, 22.4572



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.



52.7834, 36.3993, 81.3351



60.8633, 37.9252, 98.7202



50.0161, 35.6232, 51.8181



15.5838, 15.2462, 19.0437



24.0640, 11.4413, 44.6831



1.9262, 0.9173, 3.5104

Inverse Universe

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



45.2421, 33.7136, 26.6784



50.7006, 34.3503, 23.0596



44.8533, 65.5409, 48.3184



15.1164, 15.0744, 15.8983



19.1546, 9.8645, 1.3496



1.5217, 0.7817, 0.1988

Previews

White Background



This preview shows how the XYZ color 52.7821, 36.3977, 81.3343 looks on a white background.

Color Contrast Check

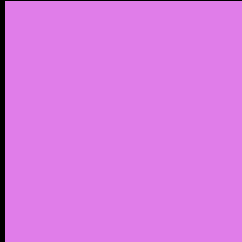
Large Text (above 18pt) WCAG AA × Fail

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 52.7821, 36.3977, 81.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

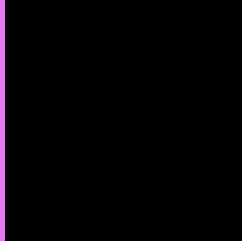
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7821, 36.3977, 81.3343

Background



This preview shows how black text looks on a background with the XYZ color 52.7821, 36.3977, 81.3343.



This preview shows how white text looks on a background with the XYZ color 52.7821, 36.3977,

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

52.7821, 36.3977, 81.3343

Protanopia

39.3732, 36.8736, 99.6499

Deuteranopia

37.6277, 36.7315, 77.0582



Tritanopia

43.3868, 36.2742, 35.2867

Trichromacy



Original Color

52.7821, 36.3977, 81.3343



Protanomaly

42.1225, 35.2642, 92.5823



Deuteranomaly

41.7460, 35.6076, 78.8014



Tritanomaly

46.2648, 35.9326, 49.2970

Monochromacy



Original Color

52.7821, 36.3977, 81.3343



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

41.3712, 36.9094, 54.2339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7821, 36.3977, 81.3343 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(224, 125, 233)` looks like.

```
.text, #text, p{  
    color:rgb(224, 125, 233)  
}
```

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(224, 125, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 125, 233) }
```

Border

The CSS property to change the border of an element to XYZ 52.7821, 36.3977, 81.3343 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(224, 125, 233) }
```


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

```
.border{ border-color:rgb(224, 125, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 125, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 125, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 125, 233);  
box-shadow:4px 4px 4px 4px rgb(224, 125,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7821, 36.3977, 81.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 125, 233) }
```

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

```
.background{ background-color: rgb(224,  
125, 233) }
```

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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