

Converting Colors

XYZ(60.2770, 53.3715, 81.0403)

Have a look what the booklet for
XYZ(60.2770, 53.3715, 81.0403)
contains.

XYZ(60.3872, 53.4269, 81.2584)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.3872, 53.4269,
81.2584)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB3E5
RGB	222, 179, 229
RGB Percent	87%, 70%, 90%
CMY	0.1294, 0.2980, 0.1020
CMYK	0.03, 0.22, 0.00, 0.10
HSL	292°, 49%, 80%
HSV	292°, 22%, 90%
XYZ	60.3872, 53.4269, 81.2584
YIQ	197.5570, 9.5780, 24.6660

Conversions

Conversions Part 2

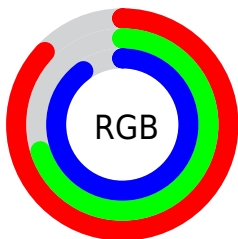
Format	Color
R _Y B	222, 179, 229
Decimal	14595045
CIE Lab	78.13, 24.12, -19.13
CIE LCh	78, 30.783, 321.590
Yxy	53.4269, 0.3096, 0.2739
Android (android.graphics.Color)	4292785125 (0xFFDEB3E5)
YUV	197.5570, 15.5014, 21.4365
Hunter-Lab	73.0937, 19.5558, -14.7472

Details

The XYZ color **60.3872, 53.4269, 81.2584** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.4074, 69.7337, 53.1373**, and the grayscale version is **53.3141, 56.0906, 61.0827**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **30.7296, 26.0458, 42.9429** is the 20% darker color. If you saturate the color by 10%, you get **55.2011, 44.4977, 79.8090**, and if you desaturate by 10%, it is **66.3574, 63.8946, 82.9650**.

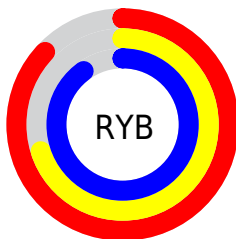
Distribution



Red (87%)

Green (70%)

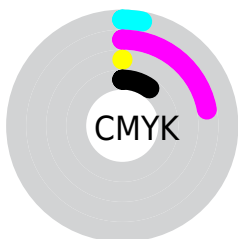
Blue (90%)



Red (87%)

Yellow (70%)

Blue (90%)

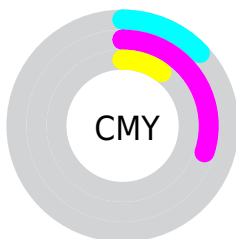


Cyan (3%)

Magenta (22%)

Yellow (0%)

Black (10%)



Cyan (13%)


Magenta (30%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3872, 53.4269, 81.2584 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 60.3872, 53.4269, 81.2584 by changing the saturation by 10% instead.


 60.3872, 53.4269,
81.2584

 60.3872, 53.4269,
81.2584


415.8354,
399.9208, 518.9819

 43.9815, 38.1437,
60.2222


 104.4943, 95.2323,
136.9609

 30.8538, 26.0942,
43.1713


132.9264,
122.5232, 172.4642

 20.6388, 16.8941,
29.6871


166.0979,
154.5854, 213.6270

 12.9712, 10.1590,
19.3512

204.3743,
191.8034, 260.8678

 7.4856, 5.5045,
11.7449

248.1209,
234.5616, 314.6052

 3.8166, 2.5462,
6.4498

297.7030,

 1.5989, 0.8997,

283.2443, 375.2576

3.0473

353.4861,
338.2359, 443.2436

■ 0.3917, 0.0000,
1.1188

■ 0.0000, 0.0000,
0.0000

■ 60.3872, 53.4269,
81.2584

■ 60.3872, 53.4269,
81.2584

■ 55.2011, 44.4977,
79.8090

■ 66.3574, 63.8946,
82.9650

■ 50.7565, 37.0249,
78.6009

■ 73.1418, 75.9640,
84.9370

■ 47.0141, 30.9291,
77.6215

■ 80.7751, 89.7030,
87.1866

■ 43.9290, 26.1206,
76.8560

■ 84.1063, 94.8097,
87.9967

41.4509, 22.4990,
76.2876

85.1734, 95.3598,
88.0467

39.5221, 19.9490,
75.8970

86.2596, 95.9197,
88.0975

38.0732, 18.3320,
75.6613

87.3651, 96.4896,
88.1493

37.1539, 17.5197,
75.5529

88.4900, 97.0695,
88.2019

89.6343, 97.6595,
88.2555

Harmonies

Analogous

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



55.1538, 53.4269, 94.7021



60.3872, 53.4269, 81.2584



63.0949, 53.4269, 63.1498

Triad

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



60.3872, 53.4269, 81.2584



52.4900, 53.4269, 31.1857



40.7733, 53.4269, 71.2239

Complementary

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



60.3872, 53.4269, 81.2584



56.4074, 69.7337, 53.1373

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.



40.1829, 53.4269, 53.4645



60.3872, 53.4269, 81.2584



46.6450, 53.4269, 32.5017

Square

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



60.3872, 53.4269, 81.2584



58.3058, 53.4269, 35.8977



42.2511, 53.4269, 39.9347



43.9326, 53.4269, 88.1590

Rectangle

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



60.3872, 53.4269, 81.2584



62.9663, 53.4269, 51.7721



42.2511, 53.4269, 39.9347



40.2783, 53.4269, 65.0804

Sweetspot

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



60.3888, 53.4292, 81.2596



88.7043, 88.6644, 107.0465



50.3998, 50.5721, 81.2346



18.8746, 18.7791, 22.8799



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.



60.3888, 53.4292, 81.2596



74.0905, 63.0282, 102.8684



60.2555, 53.6287, 69.1343



14.7863, 14.5076, 18.1653



21.3198, 10.0566, 43.2006



1.6303, 0.7714, 3.1949

Inverse Universe

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



57.2978, 52.4456, 53.5597



69.5640, 61.6026, 61.6390



56.6323, 69.6320, 62.9810



14.4588, 14.4007, 15.3502



18.6504, 9.5944, 1.7880



1.4044, 0.7195, 0.2699

Previews

White Background



This preview shows how the XYZ color 60.3872, 53.4269, 81.2584 looks on a white background.

Color Contrast Check

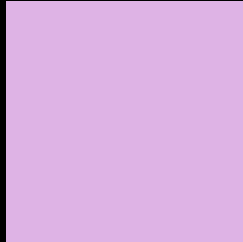
Large Text (above 18pt) WCAG AA × Fail

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 60.3872, 53.4269, 81.2584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

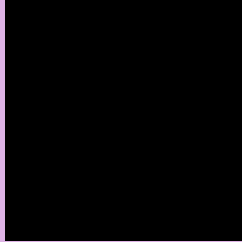
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3872, 53.4269, 81.2584

Background



This preview shows how black text looks on a background with the XYZ color 60.3872, 53.4269, 81.2584.



This preview shows how white text looks on a background with the XYZ color 60.3872, 53.4269,

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

60.3872, 53.4269, 81.2584

Protanopia

53.8107, 53.9396, 88.4642

Deuteranopia

54.8277, 53.6770, 80.1440



Tritanopia

56.3627, 53.3099, 61.3520

Trichromacy



Original Color

60.3872, 53.4269, 81.2584

Protanomaly

55.7917, 53.4091, 85.9657

Deuteranomaly

56.5294, 53.2785, 80.7031

Tritanomaly

57.5742, 53.1691, 68.2009

Monochromacy



Original Color

60.3872, 53.4269, 81.2584

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.8716, 55.1305, 68.0181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3872, 53.4269, 81.2584 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(222, 179, 229)` looks like.

```
.text, #text, p{  
    color:rgb(222, 179, 229)  
}
```

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(222, 179, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 179, 229) }
```

Border

The CSS property to change the border of an element to XYZ 60.3872, 53.4269, 81.2584 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(222, 179, 229) }
```


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

```
.border{ border-color:rgb(222, 179, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 179, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 179, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 179, 229);  
box-shadow:4px 4px 4px 4px rgb(222, 179,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3872, 53.4269, 81.2584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 179, 229) }
```

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

```
.background{ background-color: rgb(222,  
179, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor