

Converting Colors

XYZ(60.8493, 56.6813, 79.2392)

Have a look what the booklet for
XYZ(60.8493, 56.6813, 79.2392)
contains.

XYZ(61.0016, 56.8915, 79.0002)	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(61.0016, 56.8915,
79.0002)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBDE1
RGB	219, 189, 225
RGB Percent	86%, 74%, 88%
CMY	0.1412, 0.2588, 0.1176
CMYK	0.03, 0.16, 0.00, 0.12
HSL	290°, 37%, 81%
HSV	290°, 16%, 88%
XYZ	61.0016, 56.8915, 79.0002
YIQ	202.0740, 6.3240, 17.5560

Conversions

Conversions Part 2

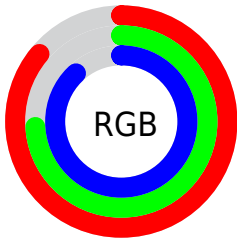
Format	Color
R _Y B	219, 189, 225
Decimal	14400993
CIE Lab	80.12, 16.99, -13.99
CIE LCh	80, 22.009, 320.519
Yxy	56.8915, 0.3098, 0.2889
Android (android.graphics.Color)	4292591073 (0xFFDDBDE1)
YUV	202.0740, 11.3025, 14.8441
Hunter-Lab	75.4265, 12.3667, -9.3007

Details

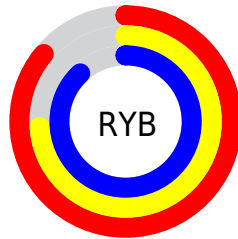
The XYZ color **61.0016, 56.8915, 79.0002** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.6183, 69.1281, 58.4005**, and the grayscale version is **56.1156, 59.0380, 64.2923**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **31.3697, 28.4031, 41.8592** is the 20% darker color. If you saturate the color by 10%, you get **55.4171, 47.3778, 77.4591**, and if you desaturate by 10%, it is **67.3657, 67.9248, 80.7953**.

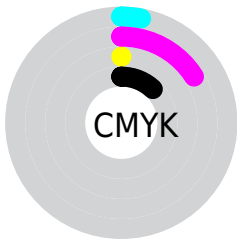
Distribution



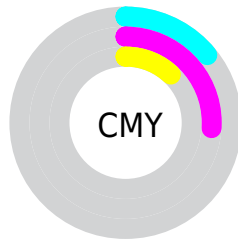
- Red (86%)
- Green (74%)
- Blue (88%)



- Red (86%)
- Yellow (74%)
- Blue (88%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (14%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0016, 56.8915, 79.0002 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 61.0016, 56.8915, 79.0002 by changing the saturation by 10% instead.

61.0016, 56.8915,
79.0002

61.0016, 56.8915,
79.0002

418.0557,
413.0426, 511.1747

44.4790, 40.9181,
58.3747

105.3794,
100.3069, 133.7578

31.2468, 28.2551,
41.6932

133.9652,
128.5176, 168.7270

20.9396, 18.5181,
28.5374

167.3029,
161.5763, 209.3144

13.1921, 11.3226,
18.4886

205.7577,
199.8674, 255.9386

7.6388, 6.2842,
11.1283

249.6951,
243.7751, 309.0182

3.9146, 3.0187,
6.0379

299.4803,

1.6539, 1.1415,

293.6840, 368.9718

2.7990

355.4787,
349.9784, 436.2177

■ 0.4272, 0.0131,
0.9929

■ 0.0000, 0.0000,
0.0000

■ 61.0016, 56.8915,
79.0002

■ 61.0016, 56.8915,
79.0002

■ 55.4171, 47.3778,
77.4591

■ 67.3657, 67.9248,
80.7953

■ 50.5725, 39.3073,
76.1566

■ 74.5368, 80.5349,
82.8513

■ 46.4320, 32.6078,
75.0817

■ 82.0649, 93.8211,
85.0190

■ 42.9550, 27.1983,
74.2208

■ 83.2833, 94.4491,
85.0760

40.0964, 22.9888,
73.5590

84.5277, 95.0907,
85.1343

37.8054, 19.8780,
73.0793

85.7983, 95.7457,
85.1937

36.0226, 17.7474,
72.7620

87.0953, 96.4143,
85.2544

34.6747, 16.4505,
72.5827

88.4189, 97.0967,
85.3164

34.2066, 16.0641,
72.5328

89.7691, 97.7927,
85.3796

Harmonies

Analogous

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



57.1509, 56.8915, 88.0543



61.0016, 56.8915, 79.0002



63.0269, 56.8915, 66.1003

Triad

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



61.0016, 56.8915, 79.0002



55.5057, 56.8915, 40.6513



46.3975, 56.8915, 71.0051

Complementary

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



61.0016, 56.8915, 79.0002



58.6183, 69.1281, 58.4005

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.



46.0112, 56.8915, 57.9680



61.0016, 56.8915, 79.0002



51.1089, 56.8915, 41.5862

Square

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



61.0016, 56.8915, 79.0002



59.7402, 56.8915, 44.7818



47.6912, 56.8915, 47.5404



48.7773, 56.8915, 83.0139

Rectangle

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



61.0016, 56.8915, 79.0002



62.9969, 56.8915, 57.5479



47.6912, 56.8915, 47.5404



46.0356, 56.8915, 66.5609

Sweetspot

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



61.0033, 56.8939, 79.0014



90.3391, 91.7324, 107.5525



54.2291, 55.5573, 79.1005



19.1993, 19.3950, 22.9816



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.



61.0033, 56.8939, 79.0014



78.5851, 71.3883, 104.2452



61.3373, 57.2398, 71.1680



14.0591, 13.8140, 17.3131



19.7967, 9.3009, 41.8002



1.4325, 0.6758, 2.9002

Inverse Universe

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



59.1012, 56.3454, 59.3933



75.6616, 70.5550, 73.6686



58.3856, 68.8596, 65.1053



13.8000, 13.7376, 14.7168



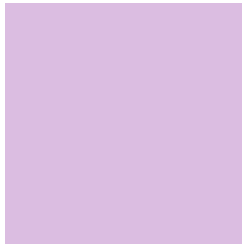
18.1190, 9.3146, 2.0266



1.2845, 0.6571, 0.2910

Previews

White Background



This preview shows how the XYZ color 61.0016, 56.8915, 79.0002 looks on a white background.

Color Contrast Check

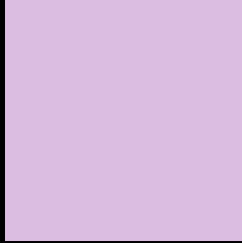
Large Text (above 18pt) WCAG AA × Fail

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 61.0016, 56.8915, 79.0002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

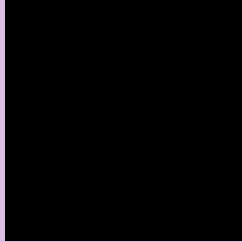
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0016, 56.8915, 79.0002

Background



This preview shows how black text looks on a background with the XYZ color 61.0016, 56.8915, 79.0002.



This preview shows how white text looks on a background with the XYZ color 61.0016, 56.8915,

79.0002.

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

61.0016, 56.8915, 79.0002

Protanopia

56.2415, 56.9831, 82.8975

Deuteranopia

58.1999, 57.0872, 78.4725



Tritanopia

58.4310, 56.8032, 66.9160

Trichromacy



Original Color

61.0016, 56.8915, 79.0002

Protanomaly

57.6525, 56.7416, 81.3124

Deuteranomaly

59.1682, 56.9300, 78.3911

Tritanomaly

59.3837, 56.8684, 71.4652

Monochromacy



Original Color

61.0016, 56.8915, 79.0002

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.6115, 57.9955, 69.1306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0016, 56.8915, 79.0002 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, 189, 225)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 225)  
}
```

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, 189, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 225) }
```

Border

The CSS property to change the border of an element to XYZ 61.0016, 56.8915, 79.0002 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, 189, 225) }
```


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

```
.border{ border-color:rgb(219, 189, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 225);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0016, 56.8915, 79.0002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 225) }
```

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

```
.background{ background-color: rgb(219,  
189, 225) }
```

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