

Converting Colors

XYZ(62.5856, 59.4790, 79.7169)

Have a look what the booklet for
XYZ(62.5856, 59.4790, 79.7169)
contains.

XYZ(62.3976, 59.2355, 79.3790)	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(62.3976, 59.2355,
79.3790)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC2E1
RGB	220, 194, 225
RGB Percent	86%, 76%, 88%
CMY	0.1372, 0.2392, 0.1176
CMYK	0.02, 0.14, 0.00, 0.12
HSL	290°, 34%, 82%
HSV	290°, 14%, 88%
XYZ	62.3976, 59.2355, 79.3790
YIQ	205.3080, 5.5450, 15.1530

Conversions

Conversions Part 2

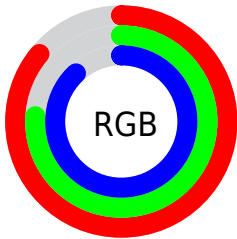
Format	Color
R _Y B	220, 194, 225
Decimal	14467809
CIE Lab	81.42, 14.64, -12.04
CIE LCh	81, 18.951, 320.575
Yxy	59.2355, 0.3104, 0.2947
Android (android.graphics.Color)	4292657889 (0xFFDCC2E1)
YUV	205.3080, 9.7082, 12.8849
Hunter-Lab	76.9646, 10.0275, -7.2747

Details

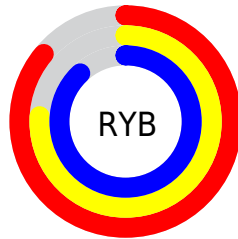
The XYZ color **62.3976, 59.2355, 79.3790** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.2182, 69.8891, 61.3581**, and the grayscale version is **58.1635, 61.1926, 66.6387**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **32.1508, 29.6578, 42.0602** is the 20% darker color. If you saturate the color by 10%, you get **56.6783, 49.4090, 77.7846**, and if you desaturate by 10%, it is **68.9024, 70.5957, 81.2298**.

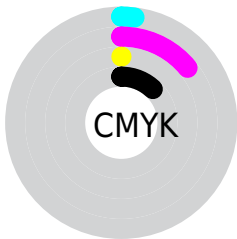
Distribution



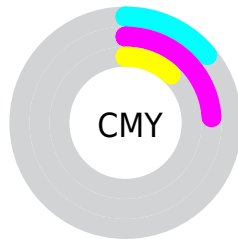
- Red (86%)
- Green (76%)
- Blue (88%)



- Red (86%)
- Yellow (76%)
- Blue (88%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (14%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3976, 59.2355, 79.3790 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 62.3976, 59.2355, 79.3790 by changing the saturation by 10% instead.

62.3976, 59.2355,
79.3790

62.3976, 59.2355,
79.3790

423.0744,
421.7741, 512.4890

45.6109, 42.8027,
58.6843

107.3867,
103.7199, 134.2958

32.1422, 29.7304,
41.9407

136.3197,
132.5402, 169.3550

21.6262, 19.6340,
28.7296

170.0322,
166.2586, 210.0394

13.6976, 12.1293,
18.6326

208.8896,
205.2594, 256.7676

7.9909, 6.8318,
11.2310

253.2571,
249.9269, 309.9581

4.1409, 3.3571,
6.1063

303.5002,

1.7821, 1.3209,

300.6456, 370.0295

2.8400

359.9842,
357.7999, 437.4003

■ 0.5069, 0.1573,
1.0135

■ 0.0000, 0.0000,
0.0000

■ 62.3976, 59.2355,
79.3790

■ 62.3976, 59.2355,
79.3790

■ 56.6783, 49.4090,
77.7846

■ 68.9024, 70.5957,
81.2298

■ 51.7051, 41.0405,
76.4315

■ 76.2195, 83.5457,
83.3437

■ 47.4430, 34.0594,
75.3086

■ 82.2700, 93.9268,
85.0286

■ 43.8523, 28.3860,
74.4028

■ 83.4530, 94.5366,
85.0840

40.8888, 23.9328,
73.6994

84.6603, 95.1590,
85.1405

38.5033, 20.6012,
73.1821

85.8922, 95.7941,
85.1981

36.6386, 18.2773,
72.8318

87.1489, 96.4419,
85.2569

35.2256, 16.8227,
72.6255

88.4303, 97.1026,
85.3169

34.5048, 16.2179,
72.5468

89.7368, 97.7761,
85.3780

Harmonies

Analogous

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



59.0232, 59.2355, 87.1713



62.3976, 59.2355, 79.3790



64.1613, 59.2355, 68.1389

Triad

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



62.3976, 59.2355, 79.3790



57.5591, 59.2355, 45.2689



49.4622, 59.2355, 72.4779

Complementary

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



62.3976, 59.2355, 79.3790



60.2182, 69.8891, 61.3581

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.



49.1114, 59.2355, 60.9880



62.3976, 59.2355, 79.3790



53.6649, 59.2355, 46.1415

Square

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



62.3976, 59.2355, 79.3790



61.2827, 59.2355, 49.0606



50.6161, 59.2355, 51.6027



51.5979, 59.2355, 82.8737

Rectangle

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



62.3976, 59.2355, 79.3790



64.1324, 59.2355, 60.5732



50.6161, 59.2355, 51.6027



49.1357, 59.2355, 68.5875

Sweetspot

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



62.3994, 59.2381, 79.3803



91.2792, 93.3532, 107.8158



56.3030, 57.8320, 79.4302



19.3899, 19.7221, 23.0347



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.



62.3994, 59.2381, 79.3803



80.2202, 74.0900, 104.6805



62.5679, 59.4829, 72.2510



14.0666, 13.8179, 17.3134



19.9665, 9.3884, 41.8082



1.4428, 0.6811, 2.9007

Inverse Universe

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



60.6540, 58.7173, 62.1725



77.4352, 73.2678, 76.8320



60.1146, 69.6969, 67.6235



13.7969, 13.7364, 14.7009



18.1074, 9.3100, 1.9653



1.2831, 0.6565, 0.2835

Previews

White Background



This preview shows how the XYZ color 62.3976, 59.2355, 79.3790 looks on a white background.

Color Contrast Check

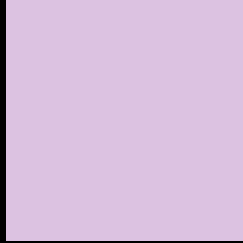
Large Text (above 18pt) WCAG AA × Fail

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 62.3976, 59.2355, 79.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

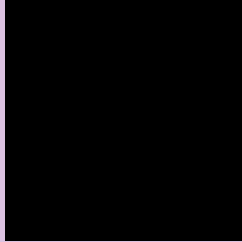
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3976, 59.2355, 79.3790

Background



This preview shows how black text looks on a background with the XYZ color 62.3976, 59.2355, 79.3790.



This preview shows how white text looks on a background with the XYZ color 62.3976, 59.2355,

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

62.3976, 59.2355, 79.3790

Protanopia

58.3182, 59.4362, 82.5274

Deuteranopia

60.5722, 59.3114, 78.7768



Tritanopia

60.5370, 59.1387, 70.5116

Trichromacy



Original Color

62.3976, 59.2355, 79.3790

Protanomaly

59.6513, 59.1114, 81.6645

Deuteranomaly

61.2188, 59.3087, 78.7422

Tritanomaly

61.2529, 59.1000, 73.8247

Monochromacy



Original Color

62.3976, 59.2355, 79.3790

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.3487, 60.2284, 70.7846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3976, 59.2355, 79.3790 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(220, 194, 225)` looks like.

```
.text, #text, p{  
    color:rgb(220, 194, 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(220, 194, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 194, 225) }
```

Border

The CSS property to change the border of an element to XYZ 62.3976, 59.2355, 79.3790 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(220, 194, 225) }
```


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

```
.border{ border-color:rgb(220, 194, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 194, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 194, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 194, 225);  
box-shadow:4px 4px 4px 4px rgb(220, 194,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3976, 59.2355, 79.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 194, 225) }
```

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

```
.background{ background-color: rgb(220,  
194, 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](#).

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