

Converting Colors

XYZ(63.0383, 60.9887, 77.7710)

Have a look what the booklet for
XYZ(63.0383, 60.9887, 77.7710)
contains.

XYZ(62.8941, 60.8777, 77.5429)	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(62.8941, 60.8777,
77.5429)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC6DE
RGB	220, 198, 222
RGB Percent	86%, 78%, 87%
CMY	0.1372, 0.2235, 0.1294
CMYK	0.01, 0.11, 0.00, 0.13
HSL	295°, 27%, 82%
HSV	295°, 11%, 87%
XYZ	62.8941, 60.8777, 77.5429
YIQ	207.3140, 5.4080, 12.1280

Conversions

Conversions Part 2

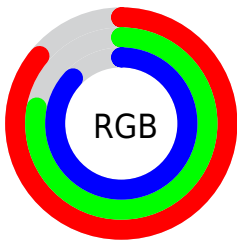
Format	Color
R _Y B	220, 198, 222
Decimal	14468830
CIE Lab	82.31, 11.94, -9.10
CIE LCh	82, 15.014, 322.700
Yxy	60.8777, 0.3124, 0.3024
Android (android.graphics.Color)	4292658910 (0xFFDCC6DE)
YUV	207.3140, 7.2402, 11.1256
Hunter-Lab	78.0242, 7.3439, -4.3074

Details

The XYZ color **62.8941, 60.8777, 77.5429** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1359, 68.6007, 63.5008**, and the grayscale version is **59.4644, 62.5612, 68.1291**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4654, 30.7359, 40.7807** is the 20% darker color. If you saturate the color by 10%, you get **57.6309, 51.1770, 75.9488**, and if you desaturate by 10%, it is **68.9108, 72.0743, 79.3879**.

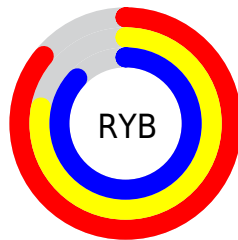
Distribution



Red (86%)

Green (78%)

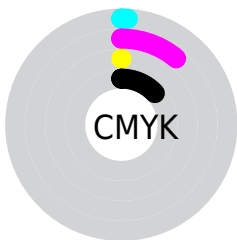
Blue (87%)



Red (86%)

Yellow (78%)

Blue (87%)

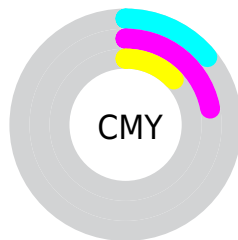


Cyan (1%)

Magenta (11%)

Yellow (0%)

Black (13%)



Cyan (14%)

Magenta (22%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8941, 60.8777, 77.5429 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 62.8941, 60.8777, 77.5429 by changing the saturation by 10% instead.

62.8941, 60.8777,
77.5429

62.8941, 60.8777,
77.5429

424.8508,
427.8254, 506.0998

46.0139, 44.1265,
57.1843

108.0994,
106.1018, 131.6856

32.4614, 30.7700,
40.7429

137.1551,
135.3435, 166.3067

21.8714, 20.4237,
27.8001

171.0001,
169.5175, 206.5192

13.8785, 12.7034,
17.9373

209.9997,
209.0082, 252.7415

8.1174, 7.2246,
10.7360

254.5192,
254.1999, 305.3922

4.2226, 3.6030,
5.7777

304.9240,

1.8288, 1.4541,

305.4771, 364.8898

2.6438

361.5794,
363.2241, 431.6528

■ 0.5349, 0.2561,
0.9149

■ 0.0000, 0.0000,
0.0000

■ 62.8941, 60.8777,
77.5429

■ 62.8941, 60.8777,
77.5429

■ 57.6309, 51.1770,
75.9488

■ 68.9108, 72.0743,
79.3879

■ 53.0836, 42.8998,
74.5908

■ 75.7059, 84.8194,
81.4898

■ 49.2193, 35.9797,
73.4587

■ 80.1685, 92.8903,
82.8124

■ 46.0007, 30.3416,
72.5401

■ 80.7503, 93.1902,
82.8396

43.3864, 25.9033,
71.8212

81.3384, 93.4934,
82.8672

41.3308, 22.5731,
71.2868

81.9327, 93.7998,
82.8950

39.7812, 20.2460,
70.9193

82.5334, 94.1094,
82.9231

38.6749, 18.7966,
70.6978

83.1404, 94.4224,
82.9515

37.9504, 18.0411,
70.5902

83.7537, 94.7385,
82.9802

Harmonies

Analogous

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



60.2685, 60.8777, 83.8995



62.8941, 60.8777, 77.5429



64.1799, 60.8777, 68.5490

Triad

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



62.8941, 60.8777, 77.5429



58.6475, 60.8777, 50.3040



52.3718, 60.8777, 73.3179

Complementary

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



62.8941, 60.8777, 77.5429



60.1359, 68.6007, 63.5008

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.



51.9737, 60.8777, 64.0723



62.8941, 60.8777, 77.5429



55.5213, 60.8777, 51.3272

Square

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



62.8941, 60.8777, 77.5429



61.6702, 60.8777, 53.2379



53.1065, 60.8777, 56.1740



54.2148, 60.8777, 81.3076

Rectangle

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



62.8941, 60.8777, 77.5429



64.0722, 60.8777, 62.4880



53.1065, 60.8777, 56.1740



52.0675, 60.8777, 70.2337

Sweetspot

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



62.8959, 60.8803, 77.5442



92.4238, 95.0951, 108.0917



57.1304, 58.5911, 77.4062



19.6358, 20.0807, 23.0910



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.



62.8959, 60.8803, 77.5442



84.3624, 80.1227, 105.6266



62.2038, 60.6738, 70.7219



14.1765, 13.8745, 17.3186



22.5876, 10.7396, 41.9308



1.5994, 0.7618, 2.9080

Inverse Universe

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



60.7457, 60.0906, 63.0434



80.8592, 78.8380, 81.9128



60.7972, 68.8039, 69.7528



13.7534, 13.7190, 14.4714



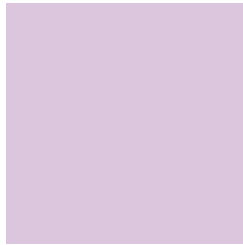
17.9770, 9.2578, 1.2789



1.2624, 0.6482, 0.1745

Previews

White Background



This preview shows how the XYZ color 62.8941, 60.8777, 77.5429 looks on a white background.

Color Contrast Check

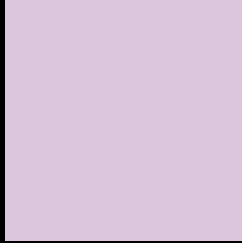
Large Text (above 18pt) WCAG AA × Fail

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 62.8941, 60.8777, 77.5429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

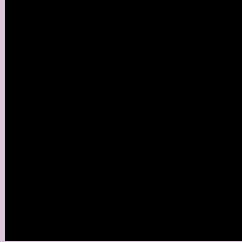
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8941, 60.8777, 77.5429

Background



This preview shows how black text looks on a background with the XYZ color 62.8941, 60.8777, 77.5429.



This preview shows how white text looks on a background with the XYZ color 62.8941, 60.8777,

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

62.8941, 60.8777, 77.5429

Protanopia

59.3037, 60.7047, 79.8257

Deuteranopia

62.2235, 60.8725, 77.5773



Tritanopia

61.9026, 60.8132, 72.7655

Trichromacy



Original Color

62.8941, 60.8777, 77.5429

Protanomaly

60.6357, 60.7104, 79.0434

Deuteranomaly

62.5217, 61.0262, 77.5912

Tritanomaly

62.2917, 60.9689, 74.8147

Monochromacy



Original Color

62.8941, 60.8777, 77.5429

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.6279, 61.9362, 71.0468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8941, 60.8777, 77.5429 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, 198, 222) looks like.

```
.text, #text, p{  
    color:rgb(220, 198, 222)  
}
```

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, 198, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 198, 222) }
```

Border

The CSS property to change the border of an element to XYZ 62.8941, 60.8777, 77.5429 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, 198, 222) }
```


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

```
.border{ border-color:rgb(220, 198, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 198, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 198, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 198, 222);  
box-shadow:4px 4px 4px 4px rgb(220, 198,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8941, 60.8777, 77.5429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 198, 222) }
```

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

```
.background{ background-color: rgb(220,  
198, 222) }
```

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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