

Converting Colors

XYZ(62.5369, 62.6683, 80.9793)

Have a look what the booklet for
XYZ(62.5369, 62.6683, 80.9793)
contains.

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Color

**XYZ(62.4717, 62.6738,
80.7561)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CCE2
RGB	212, 204, 226
RGB Percent	83%, 80%, 89%
CMY	0.1686, 0.2000, 0.1137
CMYK	0.06, 0.10, 0.00, 0.11
HSL	262°, 27%, 84%
HSV	262°, 10%, 89%
XYZ	62.4717, 62.6738, 80.7561
YIQ	208.9000, -2.2940, 8.5380

Conversions

Conversions Part 2

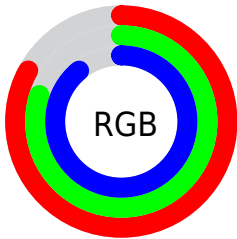
Format	Color
R _Y B	212, 204, 226
Decimal	13946082
CIE Lab	83.27, 6.84, -9.88
CIE LCh	83, 12.017, 304.686
Yxy	62.6738, 0.3034, 0.3044
Android (android.graphics.Color)	4292136162 (0xFFD4CCE2)
YUV	208.9000, 8.4303, 2.7187
Hunter-Lab	79.1668, 2.3152, -5.0635

Details

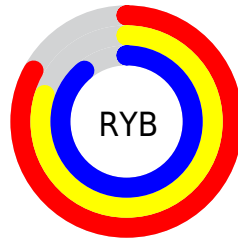
The XYZ color **62.4717, 62.6738, 80.7561** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0112, 73.6594, 67.8157**, and the grayscale version is **60.4886, 63.6387, 69.3026**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1617, 31.9211, 42.9944** is the 20% darker color. If you saturate the color by 10%, you get **53.5220, 50.6576, 78.9094**, and if you desaturate by 10%, it is **72.5739, 76.4446, 82.8827**.

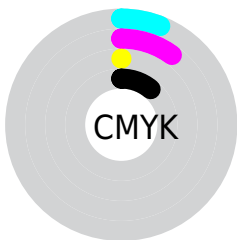
Distribution



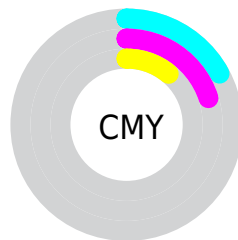
- Red (83%)
- Green (80%)
- Blue (89%)



- Red (83%)
- Yellow (80%)
- Blue (89%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4717, 62.6738, 80.7561 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 62.4717, 62.6738, 80.7561 by changing the saturation by 10% instead.

■ 62.4717, 62.6738,
80.7561

■ 62.4717, 62.6738,
80.7561

423.3398,
434.3847, 517.2511

■ 45.6710, 45.5774,
59.8109

107.4931,
108.6988, 136.2492

■ 32.1898, 31.9124,
42.8420

136.4445,
138.3961, 171.6343

■ 21.6628, 21.2946,
29.4306

170.1768,
173.0625, 212.6697

■ 13.7245, 13.3395,
19.1585

209.0554,
213.0824, 259.7740

■ 8.0097, 7.6628,
11.6069

253.4456,
258.8402, 313.3657

■ 4.1530, 3.8799,
6.3573

303.7129,

■ 1.7891, 1.6066,

310.7202, 373.8635

2.9913

360.2225,
369.1069, 441.6858

■ 0.5111, 0.3621,
1.0902

■ 0.0000, 0.0000,
0.0000

■ 62.4717, 62.6738,
80.7561

■ 62.4717, 62.6738,
80.7561

■ 53.5220, 50.6576,
78.9094

■ 72.5739, 76.4446,
82.8827

■ 45.6763, 40.3162,
77.3268

■ 83.8638, 92.0296,
85.2958

■ 38.8906, 31.5755,
75.9973

■ 90.7276, 98.2711,
86.1388

■ 33.1157, 24.3525,
74.9075

■ 28.2981, 18.5565,
74.0427

■ 24.3790, 14.0871,
73.3866

■ 21.2921, 10.8297,
72.9205

■ 18.9604, 8.6495,
72.6226

■ 17.2616, 7.3226,
72.4560

Harmonies

Analogous

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



59.9806, 62.6738, 83.5930



62.4717, 62.6738, 80.7561



64.2228, 62.6738, 74.5734

Triad

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



62.4717, 62.6738, 80.7561



61.7414, 62.6738, 56.0545



54.7061, 62.6738, 69.4223

Complementary

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



62.4717, 62.6738, 80.7561



67.0112, 73.6594, 67.8157

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.



55.1467, 62.6738, 62.2778



62.4717, 62.6738, 80.7561



59.1604, 62.6738, 54.8942

Square

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



62.4717, 62.6738, 80.7561



63.7926, 62.6738, 60.3836



56.7587, 62.6738, 57.0909



55.5371, 62.6738, 76.7524

Rectangle

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



62.4717, 62.6738, 80.7561



64.7081, 62.6738, 69.5809



56.7587, 62.6738, 57.0909



54.7106, 62.6738, 66.9186

Sweetspot

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



62.4736, 62.6765, 80.7575



90.8892, 94.3040, 108.0199



63.7808, 68.6290, 81.8375



19.2211, 19.8669, 23.0716



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.



62.4736, 62.6765, 80.7575



79.2477, 78.4982, 105.5826



65.6613, 64.3198, 80.9067



13.4201, 13.4846, 17.2832



9.9437, 4.2215, 41.3391



0.7851, 0.3420, 2.8699

Inverse Universe

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



65.6140, 64.4193, 75.3088



84.3135, 81.3107, 96.7396



63.9137, 72.0626, 67.6707



14.0725, 13.8466, 16.1521



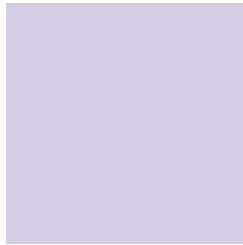
20.8169, 10.3938, 16.2336



1.4854, 0.7374, 1.3491

Previews

White Background



This preview shows how the XYZ color 62.4717, 62.6738, 80.7561 looks on a white background.

Color Contrast Check

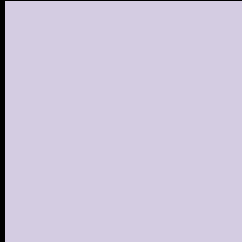
Large Text (above 18pt) WCAG AA × Fail

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 62.4717, 62.6738, 80.7561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

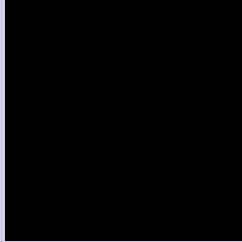
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4717, 62.6738, 80.7561

Background



This preview shows how black text looks on a background with the XYZ color 62.4717, 62.6738, 80.7561.



This preview shows how white text looks on a background with the XYZ color 62.4717, 62.6738,

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

62.4717, 62.6738, 80.7561

Protanopia

61.1133, 62.6678, 81.5481

Deuteranopia

64.0614, 62.7921, 80.6952



Tritanopia

61.7464, 62.7320, 77.2607

Trichromacy



Original Color

62.4717, 62.6738, 80.7561

Protanomaly

61.7089, 62.6186, 81.5072

Deuteranomaly

63.4023, 62.8018, 80.7318

Tritanomaly

62.0146, 62.8392, 78.6727

Monochromacy



Original Color

62.4717, 62.6738, 80.7561

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.1569, 63.2336, 73.2720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4717, 62.6738, 80.7561 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(212, 204, 226) looks like.

```
.text, #text, p{  
    color:rgb(212, 204, 226)  
}
```

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(212, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 204, 226) }
```

Border

The CSS property to change the border of an element to XYZ 62.4717, 62.6738, 80.7561 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(212, 204, 226) }
```


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

```
.border{ border-color:rgb(212, 204, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 204, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 204, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 204, 226);  
box-shadow:4px 4px 4px 4px rgb(212, 204,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4717, 62.6738, 80.7561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 204, 226) }
```

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

```
.background{ background-color: rgb(212,  
204, 226) }
```

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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