

Converting Colors

XYZ(62.4902, 60.8373, 80.6628)

Have a look what the booklet for
XYZ(62.4902, 60.8373, 80.6628)
contains.

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Color

**XYZ(62.4698, 60.9368,
80.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C7E2
RGB	216, 199, 226
RGB Percent	85%, 78%, 89%
CMY	0.1529, 0.2196, 0.1137
CMYK	0.04, 0.12, 0.00, 0.11
HSL	278°, 32%, 83%
HSV	278°, 12%, 89%
XYZ	62.4698, 60.9368, 80.4210
YIQ	207.1610, 1.4650, 12.0010

Conversions

Conversions Part 2

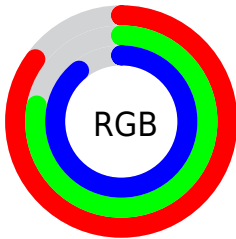
Format	Color
RYB	216, 199, 226
Decimal	14206946
CIELab	82.34, 10.82, -11.23
CIElCh	82, 15.595, 313.955
Yxy	60.9368, 0.3065, 0.2990
Android (android.graphics.Color)	4292397026 (0xFFD8C7E2)
YUV	207.1610, 9.2876, 7.7518
Hunter-Lab	78.0620, 6.2376, -6.4383

Details

The XYZ color **62.4698, 60.9368, 80.4210** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.8020, 72.0732, 64.5847**, and the grayscale version is **59.3548, 62.4459, 68.0036**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1740, 30.7681, 42.7712** is the 20% darker color. If you saturate the color by 10%, you get **55.2411, 50.0571, 78.7029**, and if you desaturate by 10%, it is **70.6004, 73.4311, 82.4050**.

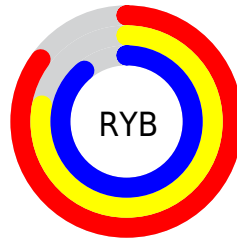
Distribution



Red (85%)

Green (78%)

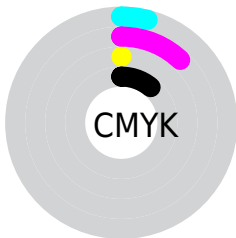
Blue (89%)



Red (85%)

Yellow (78%)

Blue (89%)

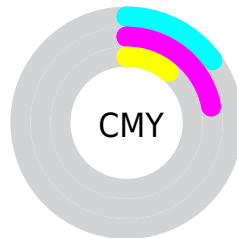


Cyan (4%)

Magenta (12%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4698, 60.9368, 80.4210 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 62.4698, 60.9368, 80.4210 by changing the saturation by 10% instead.

62.4698, 60.9368,
80.4210

62.4698, 60.9368,
80.4210

423.3330,
428.0422, 516.0946

45.6695, 44.1742,
59.5367

107.4903,
106.1874, 135.7742

32.1886, 30.8075,
42.6224

136.4413,
135.4442, 171.0802

21.6618, 20.4523,
29.2598

170.1731,
169.6345, 212.0304

13.7238, 12.7242,
19.0302

209.0511,
209.1427, 259.0434

8.0093, 7.2389,
11.5150

253.4408,
254.3531, 312.5378

4.1527, 3.6120,
6.2959

303.7074,

1.7889, 1.4590,

305.6503, 372.9322

2.9541

360.2164,
363.4185, 440.6449

■ 0.5110, 0.2596,
1.0713

■ 0.0000, 0.0000,
0.0000

■ 62.4698, 60.9368,
80.4210

■ 62.4698, 60.9368,
80.4210

■ 55.2411, 50.0571,
78.7029

■ 70.6004, 73.4311,
82.4050

■ 48.8730, 40.7154,
77.2354

■ 79.6610, 87.5967,
84.6617

■ 43.3291, 32.8405,
76.0076

■ 85.8028, 95.7322,
85.9083

■ 38.5677, 26.3522,
75.0062

■ 88.7284, 97.2404,
86.0452

■ 34.5436, 21.1627,
74.2166

■ 90.7276, 98.2711,
86.1388

■ 31.2061, 17.1736,
73.6225

■ 28.4971, 14.2720,
73.2053

■ 26.3473, 12.3228,
72.9423

■ 24.9324, 11.2673,
72.8132

Harmonies

Analogous

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



59.4739, 60.9368, 85.7500



62.4698, 60.9368, 80.4210



64.2818, 60.9368, 71.5396

Triad

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



62.4698, 60.9368, 80.4210



59.7035, 60.9368, 50.2649



51.9337, 60.9368, 70.8634

Complementary

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



62.4698, 60.9368, 80.4210



63.8020, 72.0732, 64.5847

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.



51.9898, 60.9368, 61.4173



62.4698, 60.9368, 80.4210



56.3907, 60.9368, 50.1214

Square

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



62.4698, 60.9368, 80.4210



62.6434, 60.9368, 54.4367



53.5940, 60.9368, 54.0239



53.4376, 60.9368, 79.8853

Rectangle

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



62.4698, 60.9368, 80.4210



64.5327, 60.9368, 65.0951



53.5940, 60.9368, 54.0239



51.7726, 60.9368, 67.6205

Sweetspot

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



62.4716, 60.9394, 80.4223



90.5055, 92.9543, 107.7796



60.1695, 63.4085, 81.0203



19.1937, 19.6209, 23.0256



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.



62.4716, 60.9394, 80.4223



80.0011, 76.8774, 105.2301



65.0883, 62.3379, 78.3092



13.7772, 13.6687, 17.2999



14.3589, 6.4976, 41.5457



1.0931, 0.5008, 2.8843

Inverse Universe

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



63.2982, 61.6218, 68.8827



81.2899, 77.9357, 87.4932



61.4302, 70.8078, 66.4027



13.9161, 13.7841, 15.3284



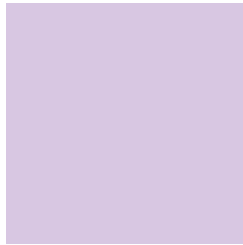
18.8524, 9.6080, 5.8884



1.3490, 0.6829, 0.6307

Previews

White Background



This preview shows how the XYZ color 62.4698, 60.9368, 80.4210 looks on a white background.

Color Contrast Check

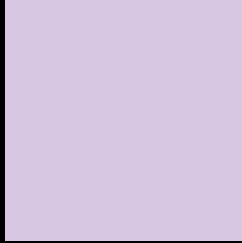
Large Text (above 18pt) WCAG AA × Fail

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 62.4698, 60.9368, 80.4210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

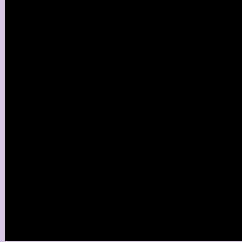
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4698, 60.9368, 80.4210

Background



This preview shows how black text looks on a background with the XYZ color 62.4698, 60.9368, 80.4210.



This preview shows how white text looks on a background with the XYZ color 62.4698, 60.9368,

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

62.4698, 60.9368, 80.4210

Protanopia

59.5862, 60.7865, 82.7212

Deuteranopia

62.1752, 60.7849, 80.4072



Tritanopia

61.3056, 61.1782, 73.5432

Trichromacy



Original Color

62.4698, 60.9368, 80.4210

Protanomaly

60.5777, 60.9643, 81.9733

Deuteranomaly

62.1752, 60.7849, 80.4072

Tritanomaly

61.5969, 60.9229, 76.2229

Monochromacy



Original Color

62.4698, 60.9368, 80.4210

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.3088, 61.7424, 72.3572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4698, 60.9368, 80.4210 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(216, 199, 226)` looks like.

```
.text, #text, p{  
    color:rgb(216, 199, 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(216, 199, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 199, 226) }
```

Border

The CSS property to change the border of an element to XYZ 62.4698, 60.9368, 80.4210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

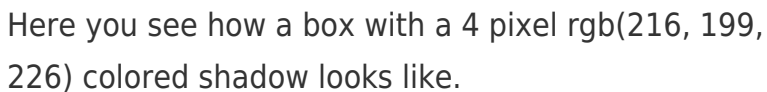
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 199, 226) }
```


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

```
.border{ border-color:rgb(216, 199, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 199, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 199, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 199, 226); box-shadow:4px 4px 4px 4px rgb(216, 199, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4698, 60.9368, 80.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 199, 226) }
```

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

```
.background{ background-color: rgb(216,  
199, 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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