

# Converting Colors

XYZ(62.3090, 60.1752, 80.2824)

Have a look what the booklet for  
XYZ(62.3090, 60.1752, 80.2824)  
contains.

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# Color

**XYZ(62.3090, 60.1752,  
80.2824)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D9C5E2
RGB	217, 197, 226
RGB Percent	85%, 77%, 89%
CMY	0.1490, 0.2274, 0.1137
CMYK	0.04, 0.13, 0.00, 0.11
HSL	281°, 33%, 83%
HSV	281°, 13%, 89%
XYZ	62.3090, 60.1752, 80.2824
YIQ	206.2860, 2.6110, 13.2590

# Conversions

## Conversions Part 2

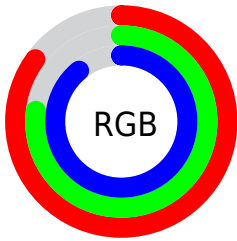
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	217, 197, 226
Decimal	14271970
CIE Lab	81.93, 12.22, -11.83
CIE LCh	82, 17.013, 315.934
Yxy	60.1752, 0.3073, 0.2968
Android (android.graphics.Color)	4292462050 (0xFFD9C5E2)
YUV	206.2860, 9.7190, 9.3962
Hunter-Lab	77.5727, 7.6251, -7.0602

# Details

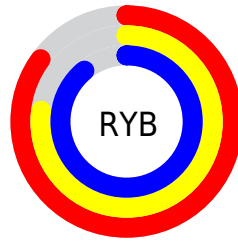
The XYZ color **62.3090, 60.1752, 80.2824** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.7301, 71.5473, 63.3301**, and the grayscale version is **58.7894, 61.8510, 67.3558**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **32.0734, 30.2666, 42.6797** is the 20% darker color. If you saturate the color by 10%, you get **55.5168, 49.6196, 78.6039**, and if you desaturate by 10%, it is **69.9627, 72.3202, 82.2241**.

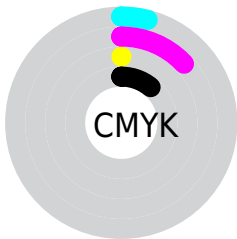
# Distribution



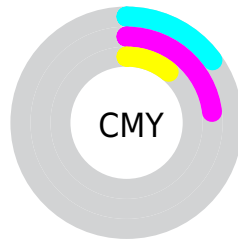
- Red (85%)
- Green (77%)
- Blue (89%)



- Red (85%)
- Yellow (77%)
- Blue (89%)



- Cyan (4%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (23%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3090, 60.1752, 80.2824 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 62.3090, 60.1752, 80.2824 by changing the saturation by 10% instead.



62.3090, 60.1752,  
80.2824

62.3090, 60.1752,  
80.2824

422.7569,  
425.2433, 515.6159

45.5390, 43.5599,  
59.4232

107.2594,  
105.0838, 135.5777

32.0852, 30.3246,  
42.5317

136.1705,  
134.1458, 170.8509

21.5825, 20.0851,  
29.1891

169.8593,  
168.1255, 211.7658

13.6653, 12.4569,  
18.9771

208.6913,  
207.4073, 258.7411

7.9684, 7.0557,  
11.4771

253.0316,  
252.3756, 312.1952

4.1264, 3.4969,  
6.2705

303.2458,

1.7739, 1.3963,

303.4148, 372.5466

2.9388

359.6991,  
360.9092, 440.2140

■ 0.5019, 0.2140,  
1.0635

■ 0.0000, 0.0000,  
0.0000

■ 62.3090, 60.1752,  
80.2824

■ 62.3090, 60.1752,  
80.2824

■ 55.5168, 49.6196,  
78.6039

■ 69.9627, 72.3202,  
82.2241

■ 49.5455, 40.5769,  
77.1732

■ 78.5057, 86.1115,  
84.4359

■ 44.3591, 32.9757,  
75.9793

■ 84.7625, 95.1959,  
85.8596

■ 39.9167, 26.7359,  
75.0091

■ 87.1644, 96.4341,  
85.9720

■ 36.1732, 21.7689,  
74.2477

■ 89.6591, 97.7202,  
86.0887

■ 33.0783, 17.9761,  
73.6787

■ 90.7276, 98.2711,  
86.1387

■ 30.5742, 15.2433,  
73.2832

■ 28.5912, 13.4331,  
73.0383

■ 27.4105, 12.5448,  
72.9291

# Harmonies

## Analogous

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



59.1143, 60.1752, 86.4694



62.3090, 60.1752, 80.2824



64.1684, 60.1752, 70.4527

# Triad

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



62.3090, 60.1752, 80.2824



58.8919, 60.1752, 48.1258



50.7994, 60.1752, 71.1096

# Complementary

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



62.3090, 60.1752, 80.2824



62.7301, 71.5473, 63.3301

# 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.



50.7455, 60.1752, 60.8242



62.3090, 60.1752, 80.2824



55.3171, 60.1752, 48.2620

# Square

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



62.3090, 60.1752, 80.2824



62.1403, 60.1752, 52.2952



52.3682, 60.1752, 52.6892



52.5188, 60.1752, 80.8065



# Rectangle

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



62.3090, 60.1752, 80.2824



64.3524, 60.1752, 63.4942



52.3682, 60.1752, 52.6892



50.5885, 60.1752, 67.5896

# Sweetspot

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



62.3108, 60.1778, 80.2837



90.7268, 93.0684, 107.7899



58.8713, 61.5948, 80.7385



19.2498, 19.6498, 23.0282



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.



62.3108, 60.1778, 80.2837



79.8050, 75.7945, 105.0314



64.3410, 61.3074, 76.6293



13.8595, 13.7111, 17.3037



15.7646, 7.2222, 41.6115



1.1833, 0.5473, 2.8885



# Inverse Universe

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



62.4729, 60.5601, 66.7919



80.0785, 76.3929, 84.3767



60.9227, 70.5438, 66.4819



13.8816, 13.7703, 15.1465



18.5734, 9.4964, 4.4195



1.3267, 0.6740, 0.5135



# Previews

## White Background



This preview shows how the XYZ color 62.3090, 60.1752, 80.2824 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

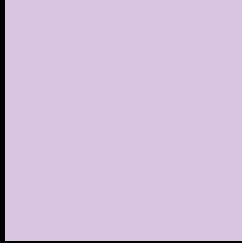
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.3090, 60.1752, 80.2824 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

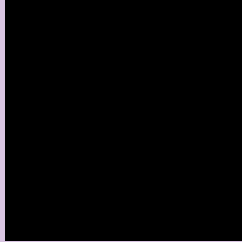
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 62.3090, 60.1752, 80.2824

## Background



This preview shows how black text looks on a background with the XYZ color 62.3090, 60.1752, 80.2824.



This preview shows how white text looks on a background with the XYZ color 62.3090, 60.1752,



# 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

62.3090, 60.1752, 80.2824

### Protanopia

59.0828, 60.1776, 82.6302

### Deuteranopia

61.3621, 60.0253, 80.3034



## Tritanopia

60.7135, 60.2002, 72.7098

# Trichromacy



## Original Color

62.3090, 60.1752, 80.2824

## Protanomaly

60.1115, 60.0318, 81.8179

## Deuteranomaly

61.6531, 60.1753, 80.3170

## Tritanomaly

61.2992, 60.1016, 75.3878

# Monochromacy



## Original Color

62.3090, 60.1752, 80.2824

## Achromatopsia

58.6655, 61.7207, 67.2138

## Achromatomaly

59.9445, 61.2176, 71.6076

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.3090, 60.1752, 80.2824 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(217, 197, 226)` looks like.

```
.text, #text, p{  
    color:rgb(217, 197, 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(217, 197, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 197, 226) }
```

## Border

The CSS property to change the border of an element to XYZ 62.3090, 60.1752, 80.2824 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(217, 197, 226) }
```



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

```
.border{ border-color:rgb(217, 197, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 197, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 197, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 197, 226);  
box-shadow:4px 4px 4px 4px rgb(217, 197,  
226) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.3090, 60.1752, 80.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 197, 226) }
```

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

```
.background{ background-color: rgb(217,  
197, 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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