

# Converting Colors

XYZ(61.2909, 62.4190, 80.7692)

Have a look what the booklet for  
XYZ(61.2909, 62.4190, 80.7692)  
contains.

<b>XYZ(61.2909, 62.4190, 80.7692)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(61.2909, 62.4190,  
80.7692)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFCDE2
RGB	207, 205, 226
RGB Percent	81%, 80%, 89%
CMY	0.1882, 0.1961, 0.1137
CMYK	0.08, 0.09, 0.00, 0.11
HSL	246°, 27%, 85%
HSV	246°, 9%, 89%
XYZ	61.2909, 62.4190, 80.7692
YIQ	207.9920, -5.5490, 6.9550

# Conversions

## Conversions Part 2

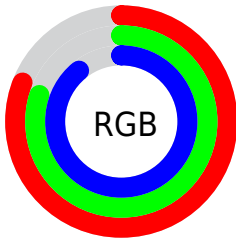
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 205, 226
Decimal	13618658
CIE Lab	83.14, 4.66, -10.12
CIE LCh	83, 11.146, 294.731
Yxy	62.4190, 0.2997, 0.3053
Android (android.graphics.Color)	4291808738 (0xFFFCFCDE2)
YUV	207.9920, 8.8779, -0.8700
Hunter-Lab	79.0057, 0.2164, -5.3094

# Details

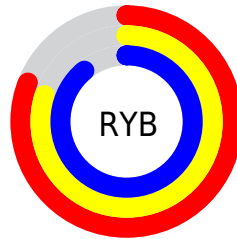
The XYZ color **61.2909, 62.4190, 80.7692** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9585, 74.6494, 68.5349**, and the grayscale version is **59.8974, 63.0167, 68.6252**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5542, 31.8458, 43.0118** is the 20% darker color. If you saturate the color by 10%, you get **50.9225, 49.6212, 78.8464**, and if you desaturate by 10%, it is **73.1839, 77.1653, 82.9897**.

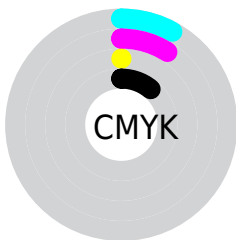
# Distribution



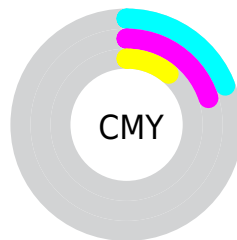
- Red (81%)
- Green (80%)
- Blue (89%)



- Red (81%)
- Yellow (80%)
- Blue (89%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (20%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2909, 62.4190, 80.7692 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 61.2909, 62.4190, 80.7692 by changing the saturation by 10% instead.



■ 61.2909, 62.4190,  
80.7692

■ 61.2909, 62.4190,  
80.7692

419.0987,  
433.4578, 517.2963

■ 44.7134, 45.3713,  
59.8216

105.7958,  
108.3309, 136.2678

■ 31.4321, 31.7500,  
42.8505

134.4538,  
137.9639, 171.6559

■ 21.0815, 21.1706,  
29.4373

167.8695,  
172.5608, 212.6947

■ 13.2964, 13.2488,  
19.1635

206.4080,  
212.5060, 259.8025

■ 7.7114, 7.6001,  
11.6105

250.4349,  
258.1839, 313.3981

■ 3.9611, 3.8401,  
6.3597

300.3154,

■ 1.6801, 1.5845,

309.9790, 373.8999

2.9927

356.4149,  
368.2754, 441.7264

■ 0.4438, 0.3471,  
1.0909

■ 0.0000, 0.0000,  
0.0000

■ 61.2909, 62.4190,  
80.7692

■ 61.2909, 62.4190,  
80.7692

■ 50.9225, 49.6212,  
78.8464

■ 73.1839, 77.1653,  
82.9897

■ 42.0116, 38.6828,  
77.2048

■ 86.6540, 93.9285,  
85.5153

■ 34.4944, 29.5195,  
75.8323

■ 90.7277, 98.2711,  
86.1388

■ 28.3000, 22.0375,  
74.7146

■ 23.3514, 16.1342,  
73.8359

■ 19.5637, 11.6958,  
73.1789

■ 16.8408, 8.5933,  
72.7235

■ 15.0715, 6.6750,  
72.4465

■ 14.0972, 5.7074,  
72.3111

# Harmonies

## Analogous

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



58.9021, 62.4190, 82.0814



61.2909, 62.4190, 80.7692



63.1990, 62.4190, 75.9334

# Triad

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



61.2909, 62.4190, 80.7692



62.0486, 62.4190, 57.6761



54.8236, 62.4190, 66.7501

# Complementary

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



61.2909, 62.4190, 80.7692



68.9585, 74.6494, 68.5349

# 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.



55.6172, 62.4190, 60.5721



61.2909, 62.4190, 80.7692



59.7547, 62.4190, 55.5653

# Square

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



61.2909, 62.4190, 80.7692



63.6447, 62.4190, 62.5516



57.4063, 62.4190, 56.5887



55.2099, 62.4190, 73.6792



# Rectangle

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



61.2909, 62.4190, 80.7692



63.9196, 62.4190, 71.5255



57.4063, 62.4190, 56.5887



54.9606, 62.4190, 64.5221

# Sweetspot

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



61.2927, 62.4216, 80.7706



90.1568, 93.9265, 107.9856



65.6291, 71.9175, 82.3749



19.0241, 19.7654, 23.0624



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.



61.2927, 62.4216, 80.7706



78.0161, 78.8907, 105.7233



64.2506, 63.9465, 80.9090



13.0724, 13.3053, 17.2669



8.0580, 3.2494, 41.2508



0.6005, 0.2469, 2.8612



# Inverse Universe

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



66.6520, 65.2159, 79.5990



86.3188, 83.2202, 103.8852



65.8764, 73.0605, 68.3906



14.2359, 13.9120, 17.0123



24.1698, 11.7349, 33.8898

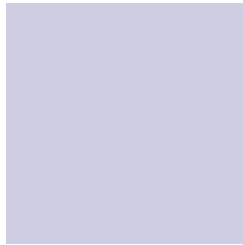


1.6919, 0.8200, 2.4364



# Previews

## White Background



This preview shows how the XYZ color 61.2909, 62.4190, 80.7692 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 61.2909, 62.4190, 80.7692 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

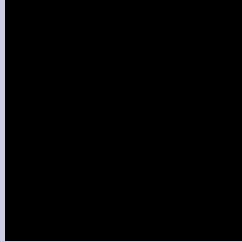
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 61.2909, 62.4190, 80.7692

## Background



This preview shows how black text looks on a background with the XYZ color 61.2909, 62.4190, 80.7692.



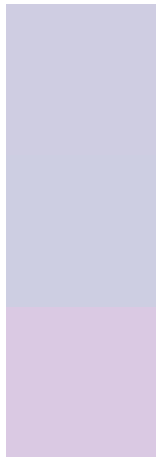
This preview shows how white text looks on a background with the XYZ color 61.2909, 62.4190,

80.7692.

# 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

61.2909, 62.4190, 80.7692

### Protanopia

60.9756, 62.6127, 80.8232

### Deuteranopia

63.6652, 62.2248, 81.3281



## Tritanopia

60.7097, 62.5384, 77.9786

# Trichromacy



## Original Color

61.2909, 62.4190, 80.7692

## Protanomaly

61.2524, 62.7554, 80.8362

## Deuteranomaly

62.7172, 62.0833, 81.3508

## Tritanomaly

60.8442, 62.5921, 78.6867

# Monochromacy



## Original Color

61.2909, 62.4190, 80.7692

## Achromatopsia

59.9535, 63.0757, 68.6895

## Achromatomaly

60.5910, 62.9418, 73.2455

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.2909, 62.4190, 80.7692 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(207, 205, 226) looks like.

```
.text, #text, p{  
    color:rgb(207, 205, 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(207, 205, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 205, 226) }
```

## Border

The CSS property to change the border of an element to XYZ 61.2909, 62.4190, 80.7692 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(207, 205, 226) }
```



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

```
.border{ border-color:rgb(207, 205, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 205, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 205, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 205, 226);  
box-shadow:4px 4px 4px 4px rgb(207, 205,  
226) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.2909, 62.4190, 80.7692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 205, 226) }
```

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

```
.background{ background-color: rgb(207,  
205, 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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