

Converting Colors

XYZ(60.6086, 61.5024, 80.6292)

Have a look what the booklet for
XYZ(60.6086, 61.5024, 80.6292)
contains.

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Color

**XYZ(60.5370, 61.3247,
80.5977)**

Conversions

Conversions Part 1

Format	Color
Hex	CECBE2
RGB	206, 203, 226
RGB Percent	81%, 80%, 89%
CMY	0.1921, 0.2039, 0.1137
CMYK	0.09, 0.10, 0.00, 0.11
HSL	248°, 28%, 84%
HSV	248°, 10%, 89%
XYZ	60.5370, 61.3247, 80.5977
YIQ	206.5190, -5.5950, 7.7890

Conversions

Conversions Part 2

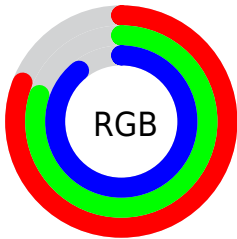
Format	Color
R _Y B	206, 203, 226
Decimal	13552610
CIE Lab	82.55, 5.40, -11.00
CIE LCh	83, 12.252, 296.132
Yxy	61.3247, 0.2990, 0.3029
Android (android.graphics.Color)	4291742690 (0xFFCECBE2)
YUV	206.5190, 9.6041, -0.4552
Hunter-Lab	78.3101, 0.9454, -6.2049

Details

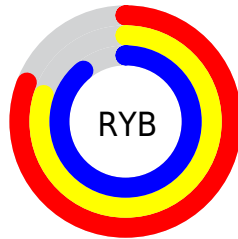
The XYZ color **60.5370, 61.3247, 80.5977** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4095, 74.3941, 67.2569**, and the grayscale version is **58.9433, 62.0129, 67.5321**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.0470, 31.1106, 42.8967** is the 20% darker color. If you saturate the color by 10%, you get **50.4648, 48.7798, 78.7081**, and if you desaturate by 10%, it is **72.0732, 75.7825, 82.7813**.

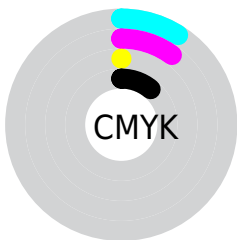
Distribution



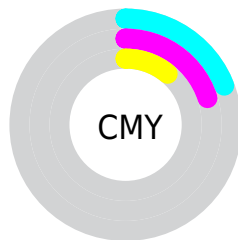
- Red (81%)
- Green (80%)
- Blue (89%)



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



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5370, 61.3247, 80.5977 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 60.5370, 61.3247, 80.5977 by changing the saturation by 10% instead.

■ 60.5370, 61.3247,
80.5977

■ 60.5370, 61.3247,
80.5977

416.3774,
429.4635, 516.7046

■ 44.1027, 44.4873,
59.6813

104.7102,
106.7489, 136.0247

■ 30.9495, 31.0538,
42.7382

133.1798,
136.1045, 171.3724

■ 20.7121, 20.6398,
29.3498

166.3919,
170.4016, 212.3675

■ 13.0250, 12.8610,
19.0978

204.7119,
210.0246, 259.4287

■ 7.5228, 7.3329,
11.5634

248.5051,
255.3579, 312.9745

■ 3.8404, 3.6711,
6.3282

298.1368,

■ 1.6122, 1.4914,

306.7859, 373.4234

2.9737

353.9725,
364.6930, 441.1939

■ 0.4004, 0.2826,
1.0812

■ 0.0000, 0.0000,
0.0000

■ 60.5370, 61.3247,
80.5977

■ 60.5370, 61.3247,
80.5977

■ 50.4648, 48.7798,
78.7081

■ 72.0732, 75.7825,
82.7813

■ 41.7926, 38.0602,
77.0961

■ 85.1231, 92.2206,
85.2663

■ 34.4595, 29.0826,
75.7497

■ 90.7276, 98.2711,
86.1388

■ 28.3982, 21.7547,
74.6548

■ 23.5354, 15.9752,
73.7955

■ 19.7903, 11.6318,
73.1545

■ 17.0717, 8.5969,
72.7120

■ 15.2737, 6.7198,
72.4445

■ 14.2472, 5.7589,
72.3131

Harmonies

Analogous

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



57.9477, 61.3247, 82.2453



60.5370, 61.3247, 80.5977



62.5762, 61.3247, 75.1496

Triad

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



60.5370, 61.3247, 80.5977



61.1434, 61.3247, 55.4824



53.3986, 61.3247, 65.8025

Complementary

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



60.5370, 61.3247, 80.5977



68.4095, 74.3941, 67.2569

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.



54.1990, 61.3247, 59.0417



60.5370, 61.3247, 80.5977



58.6282, 61.3247, 53.3727

Square

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



60.5370, 61.3247, 80.5977



62.9336, 61.3247, 60.6102



56.0940, 61.3247, 54.6257



53.8755, 61.3247, 73.3382

Rectangle

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



60.5370, 61.3247, 80.5977



63.3222, 61.3247, 70.2945



56.0940, 61.3247, 54.6257



53.5266, 61.3247, 63.3695

Sweetspot

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



60.5388, 61.3273, 80.5991



90.2524, 93.9757, 107.9901



64.8304, 71.1339, 82.2657



19.0498, 19.7786, 23.0636



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.



60.5388, 61.3273, 80.5991



76.9314, 77.3041, 105.4742



63.7553, 62.9855, 80.7496



13.1173, 13.3285, 17.2690



8.1833, 3.3139, 41.2567



0.6219, 0.2579, 2.8622

Inverse Universe

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



66.0414, 64.2111, 78.7283



85.4178, 81.7524, 102.5546



65.0763, 72.6758, 67.1009



14.2141, 13.9033, 16.8978



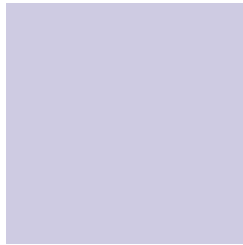
23.6446, 11.5248, 31.1239



1.6606, 0.8075, 2.2716

Previews

White Background



This preview shows how the XYZ color 60.5370, 61.3247, 80.5977 looks on a white background.

Color Contrast Check

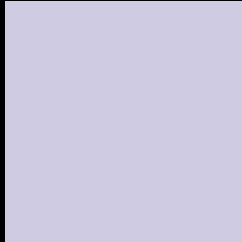
Large Text (above 18pt) WCAG AA × Fail

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 60.5370, 61.3247, 80.5977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

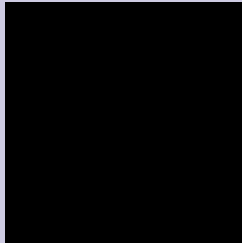
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5370, 61.3247, 80.5977

Background



This preview shows how black text looks on a background with the XYZ color 60.5370, 61.3247, 80.5977.

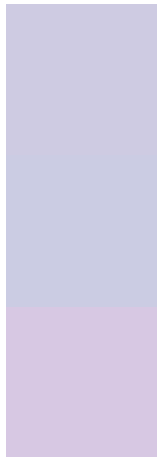


This preview shows how white text looks on a background with the XYZ color 60.5370, 61.3247,

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

60.5370, 61.3247, 80.5977

Protanopia

60.0866, 61.4283, 81.3630

Deuteranopia

62.5437, 61.3017, 81.2090



Tritanopia

59.6880, 61.3322, 76.4025

Trichromacy



Original Color

60.5370, 61.3247, 80.5977

Protanomaly

60.3598, 61.5692, 81.3758

Deuteranomaly

61.9031, 61.3164, 81.2456

Tritanomaly

59.9545, 61.4388, 77.8062

Monochromacy



Original Color

60.5370, 61.3247, 80.5977

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.9410, 62.2631, 72.4771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5370, 61.3247, 80.5977 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(206, 203, 226) looks like.

```
.text, #text, p{  
    color:rgb(206, 203, 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(206, 203, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 203, 226) }
```

Border

The CSS property to change the border of an element to XYZ 60.5370, 61.3247, 80.5977 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(206, 203, 226) }
```


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

```
.border{ border-color:rgb(206, 203, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 203, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 203, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 203, 226);  
box-shadow:4px 4px 4px 4px rgb(206, 203,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5370, 61.3247, 80.5977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 203, 226) }
```

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

```
.background{ background-color: rgb(206,  
203, 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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