

Converting Colors

XYZ(62.1888, 62.5662, 86.9172)

Have a look what the booklet for
XYZ(62.1888, 62.5662, 86.9172)
contains.

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Color

**XYZ(61.8977, 62.2481,
86.5946)**

Conversions

Conversions Part 1

Format	Color
Hex	CECCEA
RGB	206, 204, 234
RGB Percent	81%, 80%, 92%
CMY	0.1921, 0.2000, 0.0823
CMYK	0.12, 0.13, 0.00, 0.08
HSL	244°, 42%, 86%
HSV	244°, 13%, 92%
XYZ	61.8977, 62.2481, 86.5946
YIQ	208.0180, -8.4380, 9.7540

Conversions

Conversions Part 2

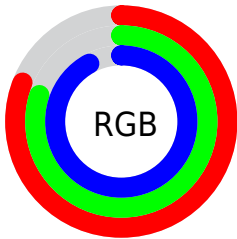
Format	Color
R _Y B	206, 204, 234
Decimal	13552874
CIE Lab	83.05, 6.47, -14.53
CIE LCh	83, 15.909, 294.014
Yxy	62.2481, 0.2937, 0.2954
Android (android.graphics.Color)	4291742954 (0xFFCECCEA)
YUV	208.0180, 12.8091, -1.7698
Hunter-Lab	78.8975, 1.9687, -9.8460

Details

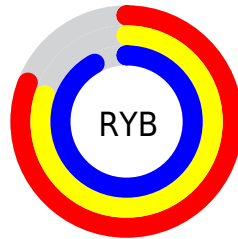
The XYZ color **61.8977, 62.2481, 86.5946** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.6030, 80.3628, 68.7621**, and the grayscale version is **59.8910, 63.0100, 68.6179**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8911, 31.7024, 46.5578** is the 20% darker color. If you saturate the color by 10%, you get **51.1005, 49.0379, 84.6148**, and if you desaturate by 10%, it is **74.3769, 77.5691, 88.8951**.

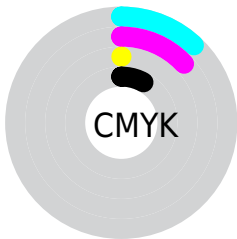
Distribution



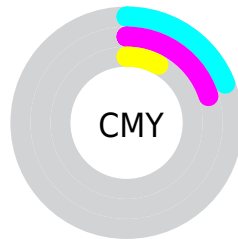
- Red (81%)
- Green (80%)
- Blue (92%)



- Red (81%)
- Yellow (80%)
- Blue (92%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (19%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8977, 62.2481, 86.5946 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 61.8977, 62.2481, 86.5946 by changing the saturation by 10% instead.

■ 61.8977, 62.2481,
86.5946

■ 61.8977, 62.2481,
86.5946

421.2813,
432.8355, 537.1714

■ 45.2053, 45.2332,
64.6021

106.6684,
108.0840, 144.4928

■ 31.8212, 31.6411,
46.6892

135.4775,
137.6738, 181.2356

■ 21.3798, 21.0876,
32.4374

169.0562,
172.2241, 223.7322

■ 13.5160, 13.1880,
21.4282

207.7699,
212.1191, 272.4011

■ 7.8642, 7.5581,
13.2431

251.9839,
257.7434, 327.6610

■ 4.0593, 3.8135,
7.4635

302.0635,

■ 1.7357, 1.5698,

309.4813, 389.9303

3.6708

358.3742,
367.7172, 459.6276

■ 0.4785, 0.3371,
1.4465

■ 0.0000, 0.0000,
0.1776

■ 61.8977, 62.2481,
86.5946

■ 61.8977, 62.2481,
86.5946

■ 51.1005, 49.0379,
84.6148

■ 74.3769, 77.5691,
88.8951

■ 41.9079, 37.8385,
82.9376

■ 88.5999, 95.0794,
91.5253

■ 34.2449, 28.5536,
81.5493

■ 91.8515, 98.7206,
92.0567

■ 28.0285, 21.0759,
80.4336

■ 23.1674, 15.2875,
79.5726

■ 19.5602, 11.0566,
78.9461

■ 17.0909, 8.2317,
78.5309

■ 15.6219, 6.6308,
78.2994

■ 15.0580, 6.0471,
78.2164

Harmonies

Analogous

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



58.4779, 62.2481, 88.4161



61.8977, 62.2481, 86.5946



64.6799, 62.2481, 79.5282

Triad

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



61.8977, 62.2481, 86.5946



63.1370, 62.2481, 53.5765



52.8276, 62.2481, 65.8214

Complementary

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



61.8977, 62.2481, 86.5946



73.6030, 80.3628, 68.7621

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.



53.9728, 62.2481, 57.2455



61.8977, 62.2481, 86.5946



59.8574, 62.2481, 50.6300

Square

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



61.8977, 62.2481, 86.5946



65.4146, 62.2481, 60.3573



56.5138, 62.2481, 51.9054



53.3266, 62.2481, 75.7824

Rectangle

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



61.8977, 62.2481, 86.5946



65.7538, 62.2481, 73.1293



56.5138, 62.2481, 51.9054



53.0316, 62.2481, 62.6936

Sweetspot

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



61.8996, 62.2507, 86.5960



88.4655, 91.9026, 107.6841



68.7526, 76.7746, 89.0382



18.6784, 19.3553, 23.0014



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.



61.8996, 62.2507, 86.5960



72.1011, 71.8230, 104.6708



66.1131, 64.4229, 86.7932



14.3240, 14.5968, 18.9848



8.4980, 3.4168, 43.9546



0.7000, 0.2851, 3.4530

Inverse Universe

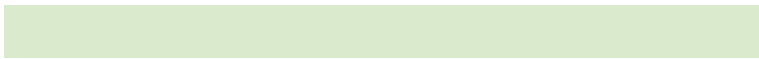
The Inverse Universe completely reimagines the original color for something new.



70.0922, 66.5071, 85.4901



83.6312, 77.8140, 103.0846



69.0879, 78.0352, 68.5508



15.6690, 15.2955, 18.8082



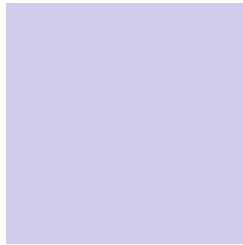
26.2290, 12.6943, 38.6027



2.0727, 1.0020, 3.1001

Previews

White Background



This preview shows how the XYZ color 61.8977, 62.2481, 86.5946 looks on a white background.

Color Contrast Check

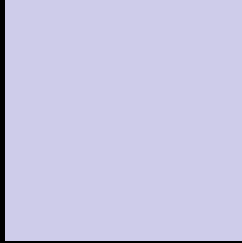
Large Text (above 18pt) WCAG AA × Fail

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 61.8977, 62.2481, 86.5946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

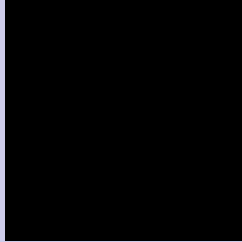
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8977, 62.2481, 86.5946

Background



This preview shows how black text looks on a background with the XYZ color 61.8977, 62.2481, 86.5946.



This preview shows how white text looks on a background with the XYZ color 61.8977, 62.2481,

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

61.8977, 62.2481, 86.5946

Protanopia

61.1838, 62.2174, 87.3817

Deuteranopia

63.6136, 62.0676, 87.2247



Tritanopia

60.1580, 62.2539, 77.9528

Trichromacy



Original Color

61.8977, 62.2481, 86.5946

Protanomaly

61.4553, 62.3573, 87.3944

Deuteranomaly

62.9799, 62.0881, 87.2621

Tritanomaly

60.7356, 62.1328, 80.7432

Monochromacy



Original Color

61.8977, 62.2481, 86.5946

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.5693, 62.9008, 74.5944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8977, 62.2481, 86.5946 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, 204, 234) looks like.

```
.text, #text, p{  
    color:rgb(206, 204, 234)  
}
```

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, 204, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 204, 234) }
```

Border

The CSS property to change the border of an element to XYZ 61.8977, 62.2481, 86.5946 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, 204, 234) }
```


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

```
.border{ border-color:rgb(206, 204, 234) }
```

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

Here you see how a box with a 4 pixel rgb(206, 204, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 204, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 204, 234);  
box-shadow:4px 4px 4px 4px rgb(206, 204,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8977, 62.2481, 86.5946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 204, 234) }
```

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

```
.background{ background-color: rgb(206,  
204, 234) }
```

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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