

Converting Colors

XYZ(60.9546, 62.2395, 81.1180)

Have a look what the booklet for
XYZ(60.9546, 62.2395, 81.1180)
contains.

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Color

**XYZ(61.1500, 62.3305,
81.4811)**

Conversions

Conversions Part 1

Format	Color
Hex	CECDE3
RGB	206, 205, 227
RGB Percent	81%, 80%, 89%
CMY	0.1922, 0.1961, 0.1098
CMYK	0.09, 0.10, 0.00, 0.11
HSL	243°, 28%, 85%
HSV	243°, 10%, 89%
XYZ	61.1500, 62.3305, 81.4811
YIQ	207.8070, -6.4660, 7.0540

Conversions

Conversions Part 2

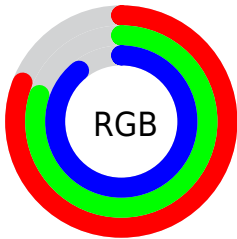
Format	Color
R _Y B	206, 205, 227
Decimal	13553123
CIE Lab	83.09, 4.53, -10.73
CIE LCh	83, 11.653, 292.897
Yxy	62.3305, 0.2983, 0.3041
Android (android.graphics.Color)	4291743203 (0xFFCECDE3)
YUV	207.8070, 9.4621, -1.5847
Hunter-Lab	78.9497, 0.0942, -5.9263

Details

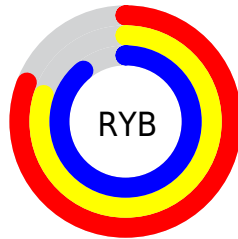
The XYZ color **61.1500, 62.3305, 81.4811** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8549, 75.5164, 68.6550**, and the grayscale version is **59.7744, 62.8873, 68.4843**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4619, 31.7872, 43.5070** is the 20% darker color. If you saturate the color by 10%, you get **50.5021, 49.3581, 79.5394**, and if you desaturate by 10%, it is **73.4189, 77.3113, 83.7270**.

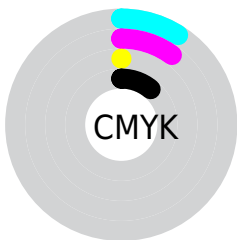
Distribution



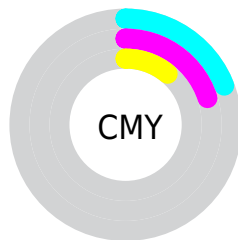
- Red (81%)
- Green (80%)
- Blue (89%)



- 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 61.1500, 62.3305, 81.4811 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 61.1500, 62.3305, 81.4811 by changing the saturation by 10% instead.

■ 61.1500, 62.3305,
81.4811

■ 61.1500, 62.3305,
81.4811

418.5909,
433.1356, 519.7481

■ 44.5992, 45.2998,
60.4046

105.5930,
108.2031, 137.2762

■ 31.3418, 31.6936,
43.3174

134.2159,
137.8137, 172.8319

■ 21.0124, 21.1276,
29.8010

167.5936,
172.3865, 214.0511

■ 13.2456, 13.2173,
19.4368

206.0914,
212.3057, 261.3523

■ 7.6760, 7.5784,
11.8063

250.0747,
257.9559, 315.1541

■ 3.9384, 3.8264,
6.4910

299.9088,

■ 1.6673, 1.5769,

309.7213, 375.8750

3.0723

355.9591,
367.9864, 443.9335

■ 0.4357, 0.3420,
1.1317

■ 0.0000, 0.0000,
0.0000

■ 61.1500, 62.3305,
81.4811

■ 61.1500, 62.3305,
81.4811

■ 50.5021, 49.3581,
79.5394

■ 73.4189, 77.3113,
83.7270

■ 41.4022, 38.3014,
77.8848

■ 87.3668, 94.3725,
86.2850

■ 33.7798, 29.0719,
76.5051

■ 90.8653, 98.3261,
86.8638

■ 27.5569, 21.5712,
75.3853

■ 22.6484, 15.6917,
74.5091

■ 18.9598, 11.3137,
73.8585

■ 16.3839, 8.3009,
73.4127

■ 14.7952, 6.4923,
73.1474

■ 14.0104, 5.6323,
73.0227

Harmonies

Analogous

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



58.6457, 62.3305, 82.6018



61.1500, 62.3305, 81.4811



63.1954, 62.3305, 76.5943

Triad

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



61.1500, 62.3305, 81.4811



62.2169, 62.3305, 57.3831



54.5605, 62.3305, 66.1645

Complementary

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



61.1500, 62.3305, 81.4811



69.8549, 75.5164, 68.6550

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.



55.4595, 62.3305, 59.8297



61.1500, 62.3305, 81.4811



59.8449, 62.3305, 54.9983

Square

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



61.1500, 62.3305, 81.4811



63.8235, 62.3305, 62.6063



57.3766, 62.3305, 55.8612



54.8876, 62.3305, 73.4151

Rectangle

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



61.1500, 62.3305, 81.4811



63.9998, 62.3305, 72.0340



57.3766, 62.3305, 55.8612



54.7285, 62.3305, 63.8645

Sweetspot

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



61.1518, 62.3331, 81.4825



90.0218, 93.8569, 107.9793



66.3128, 73.0646, 83.2819



18.9879, 19.7467, 23.0607



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.



61.1518, 62.3331, 81.4825



76.1105, 76.8809, 105.4358



64.2347, 63.9224, 81.6268



13.6429, 13.9182, 18.1117



8.1874, 3.2867, 42.5860



0.6265, 0.2539, 3.1480

Inverse Universe

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



67.2395, 65.4873, 81.0512



85.8308, 81.9176, 104.7295



66.5931, 73.8349, 68.5024



14.9654, 14.6034, 18.0183



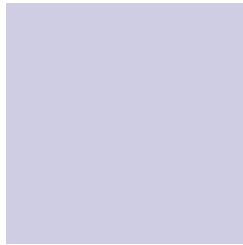
25.7697, 12.4421, 39.2776



1.9131, 0.9229, 2.9487

Previews

White Background



This preview shows how the XYZ color 61.1500, 62.3305, 81.4811 looks on a white background.

Color Contrast Check

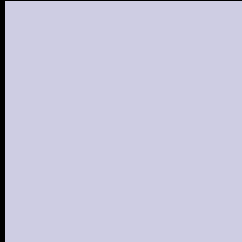
Large Text (above 18pt) WCAG AA × Fail

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 61.1500, 62.3305, 81.4811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

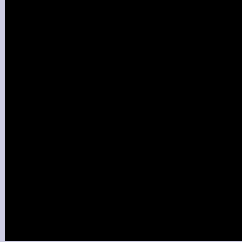
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1500, 62.3305, 81.4811

Background



This preview shows how black text looks on a background with the XYZ color 61.1500, 62.3305, 81.4811.

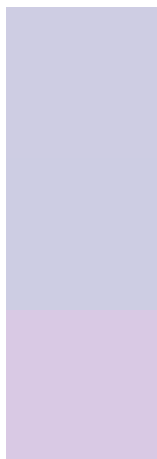


This preview shows how white text looks on a background with the XYZ color 61.1500, 62.3305,

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

61.1500, 62.3305, 81.4811

Protanopia

60.8733, 62.1878, 81.4681

Deuteranopia

63.5055, 62.1264, 82.0433



Tritanopia

60.4330, 62.3957, 77.9657

Trichromacy



Original Color

61.1500, 62.3305, 81.4811

Protanomaly

60.8733, 62.1878, 81.4681

Deuteranomaly

62.5647, 61.9886, 82.0663

Tritanomaly

60.7027, 62.5036, 79.3860

Monochromacy



Original Color

61.1500, 62.3305, 81.4811

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.3107, 62.7973, 73.2324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1500, 62.3305, 81.4811 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, 205, 227)` looks like.

```
.text, #text, p{  
    color:rgb(206, 205, 227)  
}
```

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, 205, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 205, 227) }
```

Border

The CSS property to change the border of an element to XYZ 61.1500, 62.3305, 81.4811 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, 205, 227) }
```


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

```
.border{ border-color:rgb(206, 205, 227) }
```

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

Here you see how a box with a 4 pixel rgb(206, 205, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 205, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 205, 227);  
box-shadow:4px 4px 4px 4px rgb(206, 205,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1500, 62.3305, 81.4811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 205, 227) }
```

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

```
.background{ background-color: rgb(206,  
205, 227) }
```

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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