

Converting Colors

XYZ(60.1559, 61.7260, 79.5673)

Have a look what the booklet for
XYZ(60.1559, 61.7260, 79.5673)
contains.

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Color

**XYZ(60.1877, 61.8818,
79.2932)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCDE0
RGB	204, 205, 224
RGB Percent	80%, 80%, 88%
CMY	0.2000, 0.1961, 0.1216
CMYK	0.09, 0.08, 0.00, 0.12
HSL	237°, 24%, 84%
HSV	237°, 9%, 88%
XYZ	60.1877, 61.8818, 79.2932
YIQ	206.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

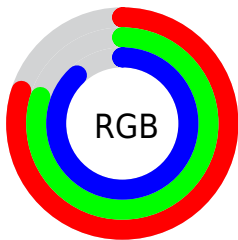
Format	Color
R_{YB}	204, 205, 224
Decimal	13422048
CIE _{Lab}	82.85, 3.28, -9.51
CIE _{LCh}	83, 10.057, 289.064
Yxy	61.8818, 0.2989, 0.3073
Android (android.graphics.Color)	4291612128 (0xFFCCCE0)
YUV	206.8670, 8.4466, -2.5144
Hunter-Lab	78.6650, -1.0908, -4.6980

Details

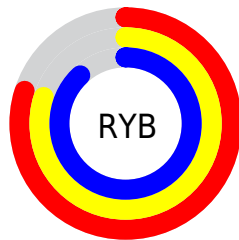
The XYZ color **60.1877, 61.8818, 79.2932** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0275, 72.9818, 67.6294**, and the grayscale version is **59.1745, 62.2562, 67.7970**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8057, 31.4818, 41.9891** is the 20% darker color. If you saturate the color by 10%, you get **49.7362, 49.4465, 77.4448**, and if you desaturate by 10%, it is **72.2180, 76.1617, 81.4164**.

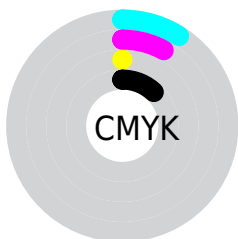
Distribution



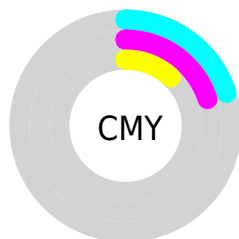
- Red (80%)
- Green (80%)
- Blue (88%)



- Red (80%)
- Yellow (80%)
- Blue (88%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1877, 61.8818, 79.2932 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 60.1877, 61.8818, 79.2932 by changing the saturation by 10% instead.

■ 60.1877, 61.8818,
79.2932

■ 60.1877, 61.8818,
79.2932

415.1129,
431.4998, 512.1915

■ 43.8200, 44.9372,
58.6142

104.2067,
107.5547, 134.1740

■ 30.7263, 31.4080,
41.8846

132.5887,
137.0517, 169.2128

■ 20.5413, 20.9097,
28.6861

165.7062,
171.5018, 209.8752

■ 12.8997, 13.0580,
18.5999

203.9244,
211.2891, 256.5799

■ 7.4360, 7.4685,
11.2077

247.6089,
256.7982, 309.7453

■ 3.7850, 3.7568,
6.0908

297.1249,

■ 1.5812, 1.5385,

308.4134, 369.7900

2.8307

352.8378,
366.5192, 437.1326

■ 0.3801, 0.3156,
1.0088

■ 0.0000, 0.0000,
0.0000

■ 60.1877, 61.8818,
79.2932

■ 60.1877, 61.8818,
79.2932

■ 49.7362, 49.4465,
77.4448

■ 72.2180, 76.1617,
81.4164

■ 40.7927, 38.7732,
75.8560

■ 85.8830, 92.3490,
83.8206

■ 33.2893, 29.7846,
74.5165

■ 90.4547, 98.1619,
84.7017

■ 27.1506, 22.3944,
73.4136

■ 22.2944, 16.5091,
72.5335

■ 18.6298, 12.0251,
71.8612

■ 16.0537, 8.8258,
71.3794

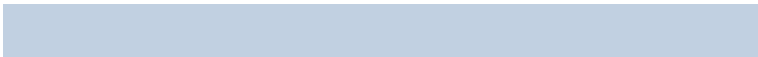
■ 14.4456, 6.7757,
71.0685

■ 13.6353, 5.6985,
70.9033

Harmonies

Analogous

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



58.0302, 61.8818, 79.7820



60.1877, 61.8818, 79.2932



62.0196, 61.8818, 75.5003

Triad

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



60.1877, 61.8818, 79.2932



61.5882, 61.8818, 58.7634



54.8215, 61.8818, 65.1411

Complementary

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



60.1877, 61.8818, 79.2932



68.0275, 72.9818, 67.6294

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.



55.7262, 61.8818, 59.8615



60.1877, 61.8818, 79.2932



59.6105, 61.8818, 56.3327

Square

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



60.1877, 61.8818, 79.2932



62.8418, 61.8818, 63.5573



57.4669, 61.8818, 56.7219



54.9674, 61.8818, 71.3504

Rectangle

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



60.1877, 61.8818, 79.2932



62.7932, 61.8818, 71.7315



57.4669, 61.8818, 56.7219



55.0119, 61.8818, 63.2058

Sweetspot

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



60.1895, 61.8844, 79.2946



90.0169, 94.0289, 108.0127



64.8329, 71.4595, 79.9537



18.9866, 19.7929, 23.0697



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.



60.1895, 61.8844, 79.2946



77.5544, 79.2259, 105.8123



62.3925, 62.6651, 79.3291



13.0069, 13.3529, 17.2795



7.9273, 3.3241, 41.2722



0.5692, 0.2699, 2.8673

Inverse Universe

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



63.3542, 63.4421, 66.6670



82.7486, 81.7921, 85.0847



65.6781, 72.1696, 67.5964



13.7350, 13.7116, 14.3745



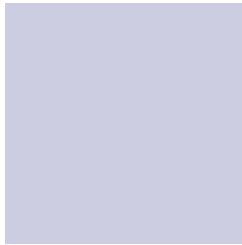
17.9415, 9.2436, 1.0919



1.2536, 0.6447, 0.1281

Previews

White Background



This preview shows how the XYZ color 60.1877, 61.8818, 79.2932 looks on a white background.

Color Contrast Check

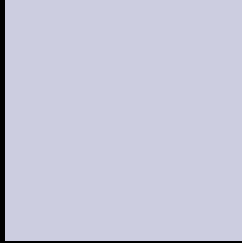
Large Text (above 18pt) WCAG AA × Fail

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 60.1877, 61.8818, 79.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

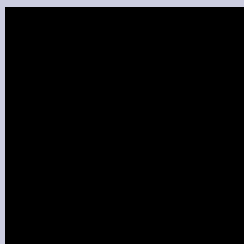
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1877, 61.8818, 79.2932

Background



This preview shows how black text looks on a background with the XYZ color 60.1877, 61.8818, 79.2932.

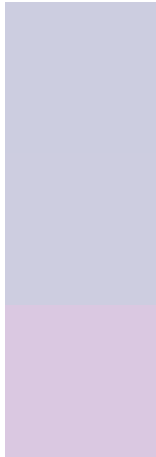


This preview shows how white text looks on a background with the XYZ color 60.1877, 61.8818,

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

60.1877, 61.8818, 79.2932

Protanopia

60.4627, 62.0236, 79.3060

Deuteranopia

63.1583, 61.6502, 79.8050



Tritanopia

59.9180, 61.7739, 77.8728

Trichromacy



Original Color

60.1877, 61.8818, 79.2932

Protanomaly

60.4627, 62.0236, 79.3060

Deuteranomaly

62.1517, 61.8234, 79.8915

Tritanomaly

60.0524, 61.8277, 78.5809

Monochromacy



Original Color

60.1877, 61.8818, 79.2932

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.5351, 62.0685, 71.7934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1877, 61.8818, 79.2932 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(204, 205, 224)` looks like.

```
.text, #text, p{  
    color:rgb(204, 205, 224)  
}
```

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(204, 205, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 205, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.1877, 61.8818, 79.2932 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(204, 205, 224) }
```


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

```
.border{ border-color:rgb(204, 205, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 205, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 205, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 205, 224);  
box-shadow:4px 4px 4px 4px rgb(204, 205,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1877, 61.8818, 79.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 205, 224) }
```

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

```
.background{ background-color: rgb(204,  
205, 224) }
```

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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