

Converting Colors

XYZ(60.2961, 61.8231, 82.7459)

Have a look what the booklet for
XYZ(60.2961, 61.8231, 82.7459)
contains.

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Color

**XYZ(60.3313, 61.8763,
82.8923)**

Conversions

Conversions Part 1

Format	Color
Hex	CACDE5
RGB	202, 205, 229
RGB Percent	79%, 80%, 90%
CMY	0.2078, 0.1961, 0.1020
CMYK	0.12, 0.10, 0.00, 0.10
HSL	233°, 34%, 85%
HSV	233°, 12%, 90%
XYZ	60.3313, 61.8763, 82.8923
YIQ	206.8390, -9.4920, 6.8280

Conversions

Conversions Part 2

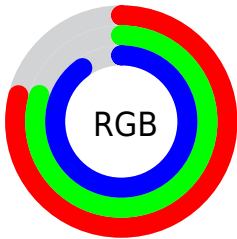
Format	Color
R _Y B	202, 205, 229
Decimal	13290981
CIE Lab	82.85, 3.64, -12.19
CIE LCh	83, 12.724, 286.617
Yxy	61.8763, 0.2942, 0.3017
Android (android.graphics.Color)	4291481061 (0xFFCACDE5)
YUV	206.8390, 10.9254, -4.2438
Hunter-Lab	78.6615, -0.7528, -7.4159

Details

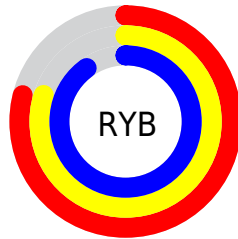
The XYZ color **60.3313, 61.8763, 82.8923** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1705, 75.3147, 66.7172**, and the grayscale version is **59.1424, 62.2224, 67.7602**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9193, 31.4851, 44.4920** is the 20% darker color. If you saturate the color by 10%, you get **50.0331, 49.8052, 81.1061**, and if you desaturate by 10%, it is **72.1860, 75.6933, 84.9354**.

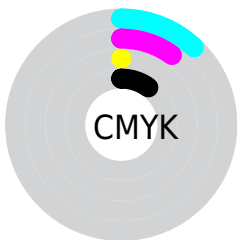
Distribution



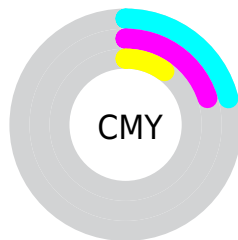
- Red (79%)
- Green (80%)
- Blue (90%)



- Red (79%)
- Yellow (80%)
- Blue (90%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (21%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3313, 61.8763, 82.8923 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 60.3313, 61.8763, 82.8923 by changing the saturation by 10% instead.

■ 60.3313, 61.8763,
82.8923

■ 60.3313, 61.8763,
82.8923

415.6331,
431.4797, 524.5891

■ 43.9362, 44.9328,
61.5612

104.4137,
107.5467, 139.2725

■ 30.8181, 31.4045,
44.2447

132.8318,
137.0424, 175.1587

■ 20.6115, 20.9070,
30.5244

165.9882,
171.4909, 216.7336

■ 12.9512, 13.0561,
19.9815

204.2483,
211.2766, 264.4159

■ 7.4717, 7.4672,
12.1977

247.9775,
256.7840, 318.6241

■ 3.8077, 3.7559,
6.7543

297.5411,

■ 1.5939, 1.5380,

308.3974, 379.7766

3.2328

353.3045,
366.5011, 448.2921

■ 0.3885, 0.3152,
1.2147

■ 0.0000, 0.0000,
0.0000

■ 60.3313, 61.8763,
82.8923

■ 60.3313, 61.8763,
82.8923

■ 50.0331, 49.8052,
81.1061

■ 72.1860, 75.6933,
84.9354

■ 41.2212, 39.4028,
79.5627

■ 85.6525, 91.3138,
87.2407

■ 33.8284, 30.5979,
78.2528

■ 91.1431, 98.4372,
88.3263

■ 27.7800, 23.3109,
77.1650

■ 22.9944, 17.4554,
76.2870

■ 19.3811, 12.9361,
75.6052

■ 16.8373, 9.6463,
75.1043

■ 15.2420, 7.4621,
74.7667

■ 14.5007, 6.3726,
74.5955

Harmonies

Analogous

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



57.6004, 61.8763, 83.1456



60.3313, 61.8763, 82.8923



62.7248, 61.8763, 78.2787

Triad

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



60.3313, 61.8763, 82.8923



62.5056, 61.8763, 56.9897



53.8330, 61.8763, 63.9399

Complementary

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



60.3313, 61.8763, 82.8923



70.1705, 75.3147, 66.7172

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.



55.0646, 61.8763, 57.5300



60.3313, 61.8763, 82.8923



60.0396, 61.8763, 53.7326

Square

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



60.3313, 61.8763, 82.8923



64.0066, 61.8763, 63.1488



57.3176, 61.8763, 53.9223



53.9056, 61.8763, 71.7810

Rectangle

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



60.3313, 61.8763, 82.8923



63.7818, 61.8763, 73.5411



57.3176, 61.8763, 53.9223



54.1065, 61.8763, 61.5594

Sweetspot

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



60.3331, 61.8789, 82.8937



88.5722, 92.4681, 107.7876



66.0845, 74.0791, 82.6604



18.7053, 19.4977, 23.0275



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.



60.3331, 61.8789, 82.8937



73.8136, 75.2464, 105.2414



62.5170, 61.9487, 82.7920



13.7112, 14.1438, 18.1517



8.3337, 3.7295, 42.6638



0.6591, 0.3621, 3.1671

Inverse Universe

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



64.4546, 63.3083, 66.5831



80.0056, 77.4220, 80.7302



67.7893, 75.3099, 66.8418



14.4418, 14.3939, 15.2611



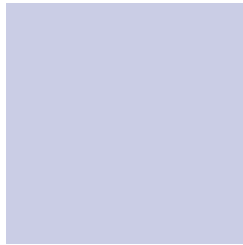
18.6000, 9.5742, 1.5225



1.3963, 0.7162, 0.2275

Previews

White Background



This preview shows how the XYZ color 60.3313, 61.8763, 82.8923 looks on a white background.

Color Contrast Check

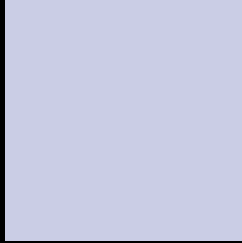
Large Text (above 18pt) WCAG AA × Fail

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 60.3313, 61.8763, 82.8923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

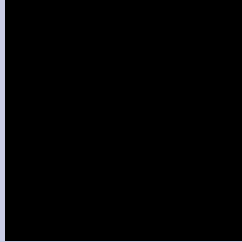
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3313, 61.8763, 82.8923

Background



This preview shows how black text looks on a background with the XYZ color 60.3313, 61.8763, 82.8923.

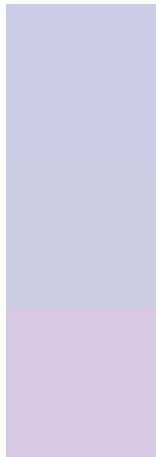


This preview shows how white text looks on a background with the XYZ color 60.3313, 61.8763,

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

60.3313, 61.8763, 82.8923

Protanopia

60.6028, 62.0163, 82.9050

Deuteranopia

63.1939, 61.9335, 83.4866



Tritanopia

59.3435, 61.8340, 77.9147

Trichromacy



Original Color

60.3313, 61.8763, 82.8923

Protanomaly

60.6028, 62.0163, 82.9050

Deuteranomaly

61.9818, 61.6559, 83.4969

Tritanomaly

59.7493, 61.9964, 80.0515

Monochromacy



Original Color

60.3313, 61.8763, 82.8923

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.5139, 62.0280, 73.1259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3313, 61.8763, 82.8923 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(202, 205, 229)` looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 229)  
}
```

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(202, 205, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 229) }
```

Border

The CSS property to change the border of an element to XYZ 60.3313, 61.8763, 82.8923 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(202, 205, 229) }
```


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

```
.border{ border-color:rgb(202, 205, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 205, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 205, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 205, 229);  
box-shadow:4px 4px 4px 4px rgb(202, 205,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3313, 61.8763, 82.8923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 205, 229) }
```

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

```
.background{ background-color: rgb(202,  
205, 229) }
```

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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