

Converting Colors

XYZ(61.4313, 57.1286,
102.3969)

Have a look what the booklet for
XYZ(61.4313, 57.1286, 102.3969)
contains.

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Color

**XYZ(61.5826, 57.3190,
102.4257)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBFFF
RGB	204, 191, 255
RGB Percent	80%, 75%, 100%
CMY	0.2000, 0.2510, 0.0000
CMYK	0.20, 0.25, 0.00, 0.00
HSL	252°, 100%, 87%
HSV	252°, 25%, 100%
XYZ	61.5826, 57.3190, 102.4257
YIQ	202.1830, -12.7960, 22.6600

Conversions

Conversions Part 2

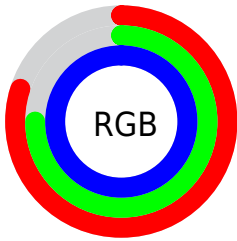
Format	Color
R_{YB}	204, 191, 255
Decimal	13418495
CIE _{Lab}	80.36, 17.32, -29.83
CIE _{LCh}	80, 34.492, 300.137
Yxy	57.3190, 0.2782, 0.2590
Android (android.graphics.Color)	4291608575 (0xFFCCBFFF)
YUV	202.1830, 26.0388, 1.5935
Hunter-Lab	75.7093, 12.7021, -27.2158

Details

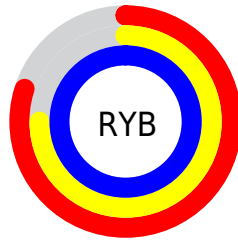
The XYZ color **61.5826, 57.3190, 102.4257** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.7831, 94.1594, 63.1569**, and the grayscale version is **56.1030, 59.0247, 64.2779**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **31.6759, 28.6437, 57.2854** is the 20% darker color. If you saturate the color by 10%, you get **51.2873, 44.4637, 100.4870**, and if you desaturate by 10%, it is **73.5760, 72.4896, 104.7218**.

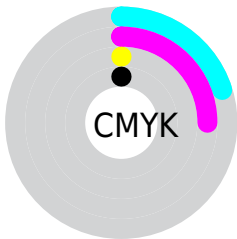
Distribution



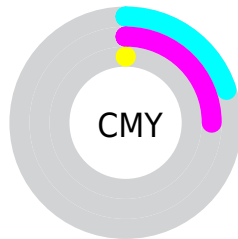
- Red (80%)
- Green (75%)
- Blue (100%)



- Red (80%)
- Yellow (75%)
- Blue (100%)



- Cyan (20%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5826, 57.3190, 102.4257 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 61.5826, 57.3190, 102.4257 by changing the saturation by 10% instead.

61.5826, 57.3190,
102.4257

61.5826, 57.3190,
102.4257

420.1488,
414.6436, 589.2550

44.9498, 41.2614,
77.6997

106.2154,
100.9305, 166.5675

31.6190, 28.5234,
57.3124

134.9461,
129.2532, 206.8205

21.2248, 18.7206,
40.8451

168.4402,
162.4331, 253.0862

13.4018, 11.4686,
27.8792

207.0631,
200.8545, 305.7832

7.7847, 6.3829,
17.9964

251.1800,
244.9018, 365.3301

4.0082, 3.0793,
10.7780

301.1563,

1.7067, 1.1733,

294.9595, 432.1453

5.8055

357.3575,
351.4120, 506.6474

■ 0.4605, 0.0397,
2.6603

■ 0.0000, 0.0000,
0.9233

■ 61.5826, 57.3190,
102.4257

■ 61.5826, 57.3190,
102.4257

■ 51.2873, 44.4637,
100.4870

■ 73.5760, 72.4896,
104.7218

■ 42.6070, 33.8022,
98.8866

■ 87.3355, 90.0754,
107.3910

■ 35.4590, 25.2120,
97.6052

95.0500, 100.0000,
108.9000

■ 29.7510, 18.5558,
96.6213

■ 25.3804, 13.6793,
95.9104

■ 22.2297, 10.4038,
95.4442

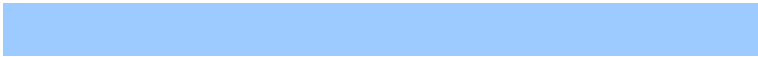
■ 20.1591, 8.5116,
95.1882

■ 19.4555, 7.9446,
95.1158

Harmonies

Analogous

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



54.5124, 57.3190, 109.9114



61.5826, 57.3190, 102.4257



67.1188, 57.3190, 83.8362

Triad

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



61.5826, 57.3190, 102.4257



61.5217, 57.3190, 34.4054



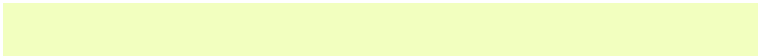
42.0030, 57.3190, 62.5035

Complementary

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



61.5826, 57.3190, 102.4257



81.7831, 94.1594, 63.1569

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.



43.5366, 57.3190, 44.9870



61.5826, 57.3190, 102.4257



54.4476, 57.3190, 31.0506

Square

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



61.5826, 57.3190, 102.4257



67.0816, 57.3190, 44.8580



47.9456, 57.3190, 34.4678



43.5645, 57.3190, 84.0319

Rectangle

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



61.5826, 57.3190, 102.4257



68.9763, 57.3190, 69.3089



47.9456, 57.3190, 34.4678



42.1719, 57.3190, 55.9860

Sweetspot

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



61.5843, 57.3213, 102.4260



83.1540, 84.7140, 106.5765



71.3489, 81.9209, 106.6596



17.3475, 17.5554, 22.7242



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.



61.5843, 57.3213, 102.4260



56.3279, 50.7345, 101.4317



71.2079, 62.2824, 102.8764



17.3475, 17.5554, 22.7242



10.2623, 4.2009, 49.7046



1.0835, 0.4525, 4.8435

Inverse Universe

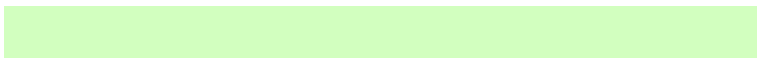
The Inverse Universe completely reimagines the original color for something new.



75.8991, 64.9345, 92.5393



72.9085, 59.5595, 89.6733



71.8007, 89.0133, 62.6898



18.6253, 18.2334, 21.9098



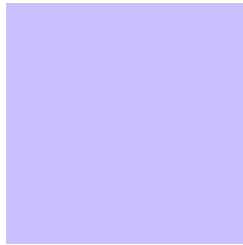
27.2496, 13.3891, 31.0284



2.6913, 1.3189, 3.2218

Previews

White Background



This preview shows how the XYZ color 61.5826, 57.3190, 102.4257 looks on a white background.

Color Contrast Check

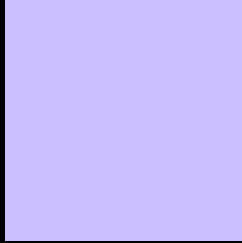
Large Text (above 18pt) WCAG AA × Fail

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 61.5826, 57.3190, 102.4257 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 61.5826, 57.3190, 102.4257

Background



This preview shows how black text looks on a background with the XYZ color 61.5826, 57.3190, 102.4257.



This preview shows how white text looks on a background with the XYZ color 61.5826, 57.3190,

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

61.5826, 57.3190, 102.4257

Protanopia

57.7834, 57.3429, 102.6305

Deuteranopia

58.8645, 57.5828, 101.7780



Tritanopia

55.5870, 57.5722, 71.8011

Trichromacy



Original Color

61.5826, 57.3190, 102.4257

Protanomaly

59.0510, 57.3266, 102.5606

Deuteranomaly

59.6869, 57.3414, 101.6881

Tritanomaly

57.7022, 57.4164, 82.1700

Monochromacy



Original Color

61.5826, 57.3190, 102.4257

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.8738, 58.3051, 76.6104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5826, 57.3190, 102.4257 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, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 191, 255)  
}
```

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, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.5826, 57.3190, 102.4257 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, 191, 255) }
```


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

```
.border{ border-color:rgb(204, 191, 255) }
```

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

Here you see how a box with a 4 pixel rgb(204, 191, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 191,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5826, 57.3190, 102.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 191, 255) }
```

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

```
.background{ background-color: rgb(204,  
191, 255) }
```

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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