

Converting Colors

XYZ(62.2847, 57.7464, 98.6216)

Have a look what the booklet for
XYZ(62.2847, 57.7464, 98.6216)
contains.

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Color

**XYZ(62.1806, 57.7190,
98.3061)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BFFA
RGB	209, 191, 250
RGB Percent	82%, 75%, 98%
CMY	0.1804, 0.2510, 0.0196
CMYK	0.16, 0.24, 0.00, 0.02
HSL	258°, 86%, 86%
HSV	258°, 24%, 98%
XYZ	62.1806, 57.7190, 98.3061
YIQ	203.1080, -8.2110, 22.1650

Conversions

Conversions Part 2

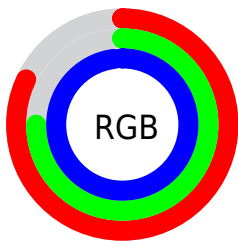
Format	Color
R_{YB}	209, 191, 250
Decimal	13746170
CIE _{Lab}	80.58, 17.75, -26.78
CIE _{LCh}	81, 32.129, 303.535
Yxy	57.7190, 0.2850, 0.2645
Android (android.graphics.Color)	4291936250 (0xFFD1BFFA)
YUV	203.1080, 23.1178, 5.1673
Hunter-Lab	75.9730, 13.1417, -23.5378

Details

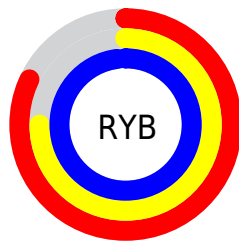
The XYZ color **62.1806, 57.7190, 98.3061** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.8701, 89.2900, 62.4759**, and the grayscale version is **56.6972, 59.6498, 64.9587**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **32.0405, 28.8972, 54.3411** is the 20% darker color. If you saturate the color by 10%, you get **52.5369, 45.3343, 96.4248**, and if you desaturate by 10%, it is **73.2945, 72.2458, 100.5252**.

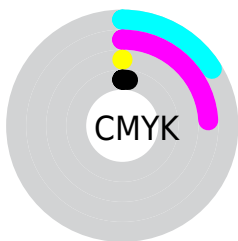
Distribution



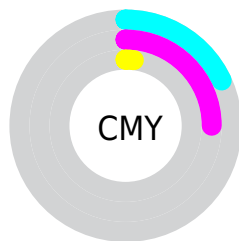
- Red (82%)
- Green (75%)
- Blue (98%)



- Red (82%)
- Yellow (75%)
- Blue (98%)



- Cyan (16%)
- Magenta (24%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (25%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1806, 57.7190, 98.3061 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 62.1806, 57.7190, 98.3061 by changing the saturation by 10% instead.

62.1806, 57.7190,
98.3061

62.1806, 57.7190,
98.3061

422.2966,
416.1381, 575.9483

45.4348, 41.5828,
74.2777

107.0750,
101.5135, 160.8589

32.0028, 28.7747,
54.5232

135.9543,
129.9407, 200.2204

21.5192, 18.9105,
38.6241

169.6087,
163.2335, 245.5300

13.6186, 11.6056,
26.1618

208.4038,
201.7766, 297.2062

7.9358, 6.4757,
16.7179

252.7047,
245.9541, 355.6676

4.1054, 3.1365,
9.8737

302.8769,

1.7619, 1.2034,

296.1506, 421.3328

5.2108

359.2858,
352.7505, 494.6201

■ 0.4946, 0.0645,
2.3106

■ 0.0000, 0.0000,
0.7371

■ 62.1806, 57.7190,
98.3061

■ 62.1806, 57.7190,
98.3061

■ 52.5369, 45.3343,
96.4248

■ 73.2945, 72.2458,
100.5252

■ 44.2936, 34.9813,
94.8610

■ 85.9334, 89.0038,
103.0937

■ 37.3831, 26.5502,
93.5978

■ 94.2555, 99.6822,
104.7162

■ 31.7296, 19.9179,
92.6156

■ 27.2492, 14.9466,
91.8922

■ 23.8464, 11.4772,
91.4019

■ 21.4077, 9.3179,
91.1136

■ 20.2573, 8.4497,
91.0067

Harmonies

Analogous

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



55.6470, 57.7190, 106.5946



62.1806, 57.7190, 98.3061



67.0345, 57.7190, 80.4916

Triad

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



62.1806, 57.7190, 98.3061



60.7177, 57.7190, 35.5822



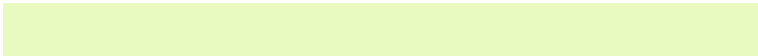
43.1341, 57.7190, 65.1158

Complementary

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



62.1806, 57.7190, 98.3061



76.8701, 89.2900, 62.4759

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.



44.2570, 57.7190, 47.9887



62.1806, 57.7190, 98.3061



54.0808, 57.7190, 33.0816

Square

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



62.1806, 57.7190, 98.3061



66.1434, 57.7190, 44.8160



48.1381, 57.7190, 37.1394



44.9391, 57.7190, 85.1605

Rectangle

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



62.1806, 57.7190, 98.3061



68.4737, 57.7190, 67.0318



48.1381, 57.7190, 37.1394



43.1823, 57.7190, 58.8385

Sweetspot

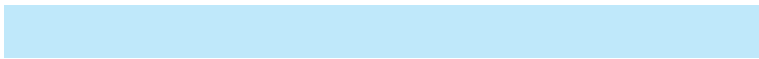
The Sweet Spot groups the original color and five complimentary colors.



62.1824, 57.7214, 98.3074



85.2003, 86.8581, 106.8825



67.6842, 75.8626, 101.5190



18.0627, 18.3606, 22.8419



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.



62.1824, 57.7214, 98.3074



60.3898, 54.3685, 101.9190



71.2149, 62.3778, 98.7301



16.7810, 16.8997, 21.7628



10.8726, 4.5477, 48.2783



1.1099, 0.4742, 4.4762

Inverse Universe

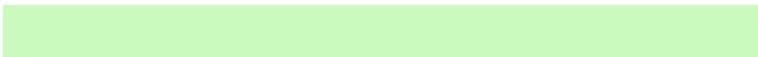
The Inverse Universe completely reimagines the original color for something new.



72.6224, 63.4141, 84.7587



73.0367, 61.2707, 85.2312



68.1656, 84.8027, 62.0686



17.7543, 17.4291, 20.5620



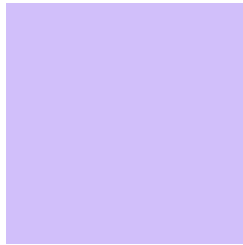
25.0177, 12.4228, 22.5994



2.3643, 1.1694, 2.3416

Previews

White Background



This preview shows how the XYZ color 62.1806, 57.7190, 98.3061 looks on a white background.

Color Contrast Check

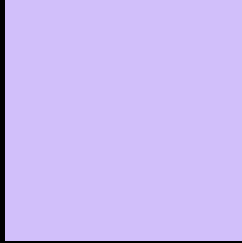
Large Text (above 18pt) WCAG AA × Fail

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 62.1806, 57.7190, 98.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

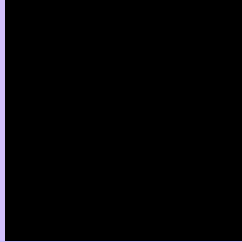
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1806, 57.7190, 98.3061

Background



This preview shows how black text looks on a background with the XYZ color 62.1806, 57.7190, 98.3061.

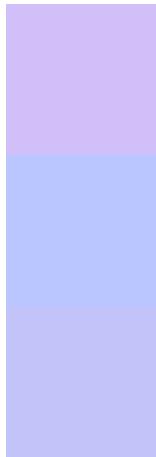


This preview shows how white text looks on a background with the XYZ color 62.1806, 57.7190,

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

62.1806, 57.7190, 98.3061

Protanopia

58.4938, 58.0473, 102.7290

Deuteranopia

59.0869, 57.7887, 97.6627



Tritanopia

56.8329, 57.8888, 71.1290

Trichromacy



Original Color

62.1806, 57.7190, 98.3061

Protanomaly

59.4929, 57.5914, 100.9091

Deuteranomaly

59.9439, 57.5652, 97.5744

Tritanomaly

58.4194, 57.5003, 79.9711

Monochromacy



Original Color

62.1806, 57.7190, 98.3061

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.5185, 58.9933, 76.0127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1806, 57.7190, 98.3061 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(209, 191, 250)` looks like.

```
.text, #text, p{  
    color:rgb(209, 191, 250)  
}
```

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(209, 191, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 191, 250) }
```

Border

The CSS property to change the border of an element to XYZ 62.1806, 57.7190, 98.3061 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(209, 191, 250) }
```


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

```
.border{ border-color:rgb(209, 191, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 191, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 191, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 191, 250);  
box-shadow:4px 4px 4px 4px rgb(209, 191,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1806, 57.7190, 98.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 191, 250) }
```

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

```
.background{ background-color: rgb(209,  
191, 250) }
```

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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