

Converting Colors

XYZ(61.1762, 62.5010, 99.0325)

Have a look what the booklet for
XYZ(61.1762, 62.5010, 99.0325)
contains.

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Color

**XYZ(61.3064, 62.7342,
99.3202)**

Conversions

Conversions Part 1

Format	Color
Hex	C0CFFA
RGB	192, 207, 250
RGB Percent	75%, 81%, 98%
CMY	0.2470, 0.1882, 0.0196
CMYK	0.23, 0.17, 0.00, 0.02
HSL	224°, 85%, 87%
HSV	224°, 23%, 98%
XYZ	61.3064, 62.7342, 99.3202
YIQ	207.4170, -22.7430, 10.1930

Conversions

Conversions Part 2

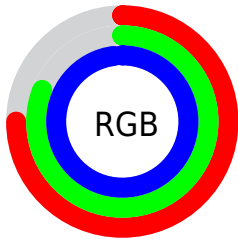
Format	Color
R _Y B	192, 204, 250
Decimal	12636154
CIE Lab	83.30, 3.98, -22.75
CIE LCh	83, 23.099, 279.925
Yxy	62.7342, 0.2745, 0.2809
Android (android.graphics.Color)	4290826234 (0xFFC0CFFA)
YUV	207.4170, 20.9934, -13.5207
Hunter-Lab	79.2049, -0.4456, -18.9041

Details

The XYZ color **61.3064, 62.7342, 99.3202** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.6480, 83.5470, 61.8520**, and the grayscale version is **59.4579, 62.5544, 68.1217**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **31.4981, 32.0360, 54.9755** is the 20% darker color. If you saturate the color by 10%, you get **51.2763, 51.2857, 97.6401**, and if you desaturate by 10%, it is **72.9427, 75.7962, 101.2292**.

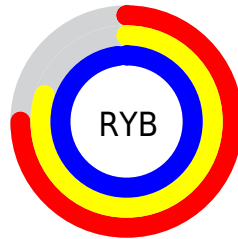
Distribution



Red (75%)

Green (81%)

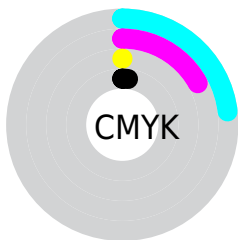
Blue (98%)



Red (75%)

Yellow (80%)

Blue (98%)

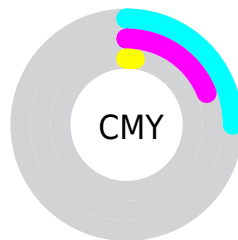


Cyan (23%)

Magenta (17%)

Yellow (0%)

Black (2%)



Cyan (25%)

Magenta (19%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3064, 62.7342, 99.3202 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 61.3064, 62.7342, 99.3202 by changing the saturation by 10% instead.

■ 61.3064, 62.7342,
99.3202

■ 61.3064, 62.7342,
99.3202

419.1545,
434.6042, 579.2390

■ 44.7260, 45.6262,
75.1192

■ 105.8181,
108.7860, 162.2664

■ 31.4420, 31.9510,
55.2082

134.4800,
138.4985, 201.8487

■ 21.0891, 21.3240,
39.1687

167.8998,
173.1814, 247.3951

■ 13.3020, 13.3611,
26.5822

206.4429,
213.2189, 299.3243

■ 7.7153, 7.6777,
17.0300

250.4745,
258.9956, 358.0547

■ 3.9636, 3.8894,
10.0937

300.3601,

■ 1.6815, 1.6119,

310.8958, 424.0050

5.3547

356.4650,
369.3039, 497.5936

■ 0.4447, 0.3656,
2.3945

■ 0.0000, 0.0000,
0.7834

■ 61.3064, 62.7342,
99.3202

■ 61.3064, 62.7342,
99.3202

■ 51.2763, 51.2857,
97.6401

■ 72.9427, 75.7962,
101.2292

■ 42.7741, 41.3788,
96.1760

■ 86.2470, 90.5248,
103.3709

■ 35.7235, 32.9472,
94.9201

■ 94.2555, 99.6822,
104.7163

■ 30.0389, 25.9167,
93.8627

■ 25.6255, 20.2058,
92.9930

■ 22.3751, 15.7239,
92.2992

■ 20.1593, 12.3665,
91.7680

■ 19.1265, 10.6441,
91.4900

Harmonies

Analogous

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



56.3744, 62.7342, 97.7042



61.3064, 62.7342, 99.3202



66.0396, 62.7342, 91.7787

Triad

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



61.3064, 62.7342, 99.3202



67.3409, 62.7342, 52.0552



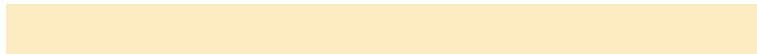
51.0116, 62.7342, 59.2496

Complementary

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



61.3064, 62.7342, 99.3202



78.6480, 83.5470, 61.8520

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.



53.6435, 62.7342, 49.2225



61.3064, 62.7342, 99.3202



63.0024, 62.7342, 45.4908

Square

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



61.3064, 62.7342, 99.3202



69.6506, 62.7342, 63.6515



57.9785, 62.7342, 44.5322



50.6143, 62.7342, 73.1838

Rectangle

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



61.3064, 62.7342, 99.3202



68.3772, 62.7342, 83.1198



57.9785, 62.7342, 44.5322



51.6570, 62.7342, 55.3675

Sweetspot

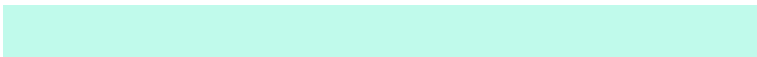
The Sweet Spot groups the original color and five complimentary colors.



61.3084, 62.7367, 99.3216



84.7079, 88.6159, 107.2477



70.8533, 85.5502, 91.0240



17.9490, 18.7662, 22.9262



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.



61.3084, 62.7367, 99.3216



58.8578, 59.6337, 103.0161



61.4308, 57.6584, 98.3350



16.6480, 17.3727, 21.8611



10.2430, 5.8416, 48.5612



1.0305, 0.7046, 4.5249

Inverse Universe

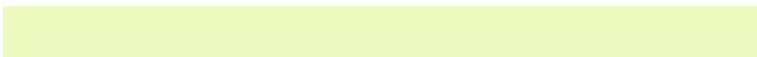
The Inverse Universe completely reimagines the original color for something new.



69.5381, 62.5301, 67.4386



68.9662, 59.6425, 63.7961



78.4486, 90.0911, 63.1256



17.4288, 17.2989, 18.8481



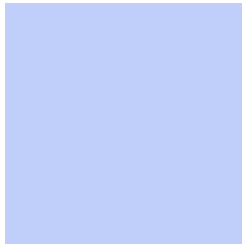
21.4622, 11.0006, 3.8765



2.0291, 1.0354, 0.5764

Previews

White Background



This preview shows how the XYZ color 61.3064, 62.7342, 99.3202 looks on a white background.

Color Contrast Check

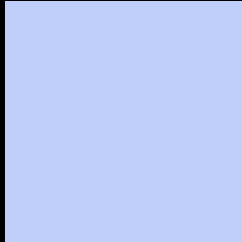
Large Text (above 18pt) WCAG AA × Fail

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 61.3064, 62.7342, 99.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

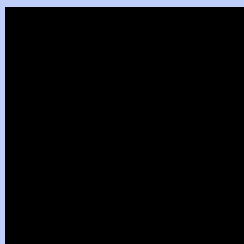
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

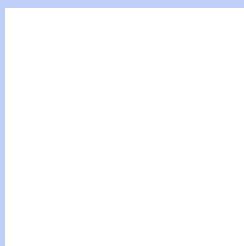
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3064, 62.7342, 99.3202

Background



This preview shows how black text looks on a background with the XYZ color 61.3064, 62.7342, 99.3202.



This preview shows how white text looks on a background with the XYZ color 61.3064, 62.7342,

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

61.3064, 62.7342, 99.3202

Protanopia

62.2189, 62.5080, 98.4085

Deuteranopia

64.2221, 62.7987, 100.0033



Tritanopia

58.0369, 62.8813, 82.4772

Trichromacy



Original Color

61.3064, 62.7342, 99.3202

Protanomaly

61.9351, 62.7179, 98.4640

Deuteranomaly

63.0928, 62.5683, 100.0183

Tritanomaly

59.1732, 62.9681, 88.3922

Monochromacy



Original Color

61.3064, 62.7342, 99.3202

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.9892, 62.5099, 78.7159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3064, 62.7342, 99.3202 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(192, 207, 250)` looks like.

```
.text, #text, p{  
    color:rgb(192, 207, 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(192, 207, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 207, 250) }
```

Border

The CSS property to change the border of an element to XYZ 61.3064, 62.7342, 99.3202 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(192, 207, 250) }
```


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

```
.border{ border-color:rgb(192, 207, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 207, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 207, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 207, 250);  
box-shadow:4px 4px 4px 4px rgb(192, 207,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3064, 62.7342, 99.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 207, 250) }
```

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

```
.background{ background-color: rgb(192,  
207, 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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