

Converting Colors

XYZ(61.6987, 62.5286,
103.4251)

Have a look what the booklet for
XYZ(61.6987, 62.5286, 103.4251)
contains.

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Color

**XYZ(61.6072, 62.4390,
103.4126)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCEFF
RGB	191, 206, 255
RGB Percent	75%, 81%, 100%
CMY	0.2510, 0.1921, 0.0000
CMYK	0.25, 0.19, 0.00, 0.00
HSL	226°, 100%, 87%
HSV	226°, 25%, 100%
XYZ	61.6072, 62.4390, 103.4126
YIQ	207.1010, -24.6690, 12.0590

Conversions

Conversions Part 2

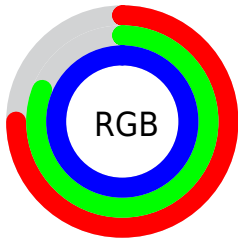
Format	Color
R_{YB}	191, 203, 255
Decimal	12570367
CIE Lab	83.15, 5.36, -25.65
CIE LCh	83, 26.205, 281.801
Yxy	62.4390, 0.2708, 0.2745
Android (android.graphics.Color)	4290760447 (0xFFBFCEFF)
YUV	207.1010, 23.6142, -14.1206
Hunter-Lab	79.0184, 0.8866, -22.2809

Details

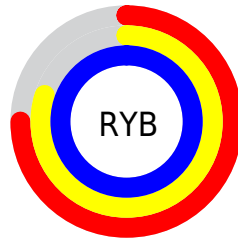
The XYZ color **61.6072, 62.4390, 103.4126** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.8041, 87.3413, 61.8391**, and the grayscale version is **59.2388, 62.3239, 67.8707**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **31.5746, 31.7679, 57.8937** is the 20% darker color. If you saturate the color by 10%, you get **51.3324, 50.5944, 101.6679**, and if you desaturate by 10%, it is **73.5857, 76.0315, 105.4049**.

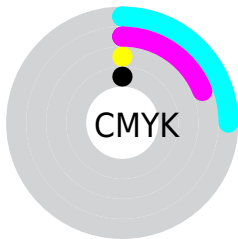
Distribution



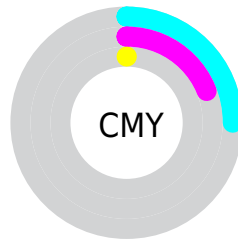
- Red (75%)
- Green (81%)
- Blue (100%)



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



- Cyan (25%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6072, 62.4390, 103.4126 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 61.6072, 62.4390, 103.4126 by changing the saturation by 10% instead.

■ 61.6072, 62.4390,
103.4126

■ 61.6072, 62.4390,
103.4126

420.2373,
433.5306, 592.4191

■ 44.9698, 45.3875,
78.5209

■ 106.2508,
108.3598, 167.9317

■ 31.6348, 31.7628,
57.9830

134.9876,
137.9978, 208.3961

■ 21.2369, 21.1804,
41.3804

168.4883,
172.6002, 254.8885

■ 13.4107, 13.2559,
28.2945

207.1183,
212.5513, 307.8274

■ 7.7909, 7.6050,
18.3068

251.2428,
258.2355, 367.6314

■ 4.0121, 3.8433,
10.9987

301.2272,

■ 1.7090, 1.5863,

310.0372, 434.7190

5.9518

357.4369,
368.3407, 509.5087

■ 0.4619, 0.3483,
2.7475

■ 0.0000, 0.0000,
0.9672

■ 61.6072, 62.4390,
103.4126

■ 61.6072, 62.4390,
103.4126

■ 51.3324, 50.5944,
101.6679

■ 73.5857, 76.0315,
105.4049

■ 42.6769, 40.4180,
100.1599

■ 87.3365, 91.4327,
107.6529

■ 35.5567, 31.8345,
98.8784

95.0500, 100.0000,
108.9000

■ 29.8780, 24.7597,
97.8121

■ 25.5360, 19.1011,
96.9487

■ 22.4108, 14.7549,
96.2745

■ 20.3582, 11.6006,
95.7739

■ 19.6540, 10.4279,
95.5847

Harmonies

Analogous

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



56.0017, 62.4390, 102.2226



61.6072, 62.4390, 103.4126



66.9246, 62.4390, 94.0580

Triad

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



61.6072, 62.4390, 103.4126



67.8624, 62.4390, 49.2023



49.5678, 62.4390, 58.6806

Complementary

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



61.6072, 62.4390, 103.4126



81.8041, 87.3413, 61.8391

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.



52.3630, 62.4390, 47.2400



61.6072, 62.4390, 103.4126



62.8217, 62.4390, 42.3991

Square

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



61.6072, 62.4390, 103.4126



70.6870, 62.4390, 61.7896



57.1416, 62.4390, 41.7433



49.2886, 62.4390, 74.5823

Rectangle

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



61.6072, 62.4390, 103.4126



69.4971, 62.4390, 83.8557



57.1416, 62.4390, 41.7433



50.2356, 62.4390, 54.2556

Sweetspot

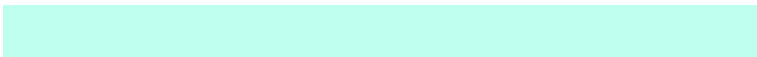
The Sweet Spot groups the original color and five complimentary colors.



61.6090, 62.4414, 103.4130



83.1574, 86.7710, 106.9733



72.8268, 88.8288, 94.9693



17.3485, 18.0687, 22.8232



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.



61.6090, 62.4414, 103.4130



56.3625, 56.4191, 102.5271



62.4143, 57.7488, 102.4648



17.3485, 18.0687, 22.8232



10.3634, 5.6364, 49.9763



1.0883, 0.7074, 4.8924

Inverse Universe

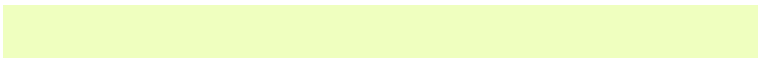
The Inverse Universe completely reimagines the original color for something new.



71.0126, 62.9795, 66.8087



67.2731, 57.3053, 59.9979



80.7612, 93.6326, 63.1084



18.1838, 18.0568, 19.5851



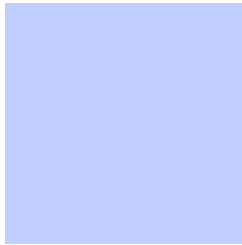
22.0192, 11.2970, 3.4854



2.1839, 1.1160, 0.5501

Previews

White Background



This preview shows how the XYZ color 61.6072, 62.4390, 103.4126 looks on a white background.

Color Contrast Check

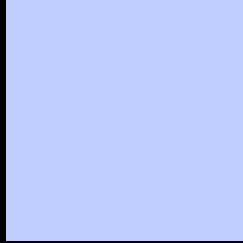
Large Text (above 18pt) WCAG AA × Fail

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 61.6072, 62.4390, 103.4126 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 61.6072, 62.4390, 103.4126

Background



This preview shows how black text looks on a background with the XYZ color 61.6072, 62.4390, 103.4126.



This preview shows how white text looks on a background with the XYZ color 61.6072, 62.4390,

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

61.6072, 62.4390, 103.4126

Protanopia

62.2264, 62.4205, 102.5346

Deuteranopia

63.7631, 62.4884, 103.3085



Tritanopia

57.5476, 62.6291, 82.4543

Trichromacy



Original Color

61.6072, 62.4390, 103.4126

Protanomaly

61.9688, 62.2877, 102.5226

Deuteranomaly

62.9316, 62.4115, 103.3375

Tritanomaly

58.9721, 62.4653, 89.8378

Monochromacy



Original Color

61.6072, 62.4390, 103.4126

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.8548, 62.4250, 79.4155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6072, 62.4390, 103.4126 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(191, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 206, 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(191, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.6072, 62.4390, 103.4126 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(191, 206, 255) }
```


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

```
.border{ border-color:rgb(191, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6072, 62.4390, 103.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 206, 255) }
```

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

```
.background{ background-color: rgb(191,  
206, 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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