

Converting Colors

XYZ(63.3450, 64.1485,
114.5827)

Have a look what the booklet for
XYZ(63.3450, 64.1485, 114.5827)
contains.

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Color

**XYZ(61.3440, 63.3857,
103.6092)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD1FF
RGB	187, 209, 255
RGB Percent	73%, 82%, 100%
CMY	0.2667, 0.1804, 0.0000
CMYK	0.27, 0.18, 0.00, 0.00
HSL	221°, 100%, 87%
HSV	221°, 27%, 100%
XYZ	61.3440, 63.3857, 103.6092
YIQ	207.6660, -27.8780, 9.6420

Conversions

Conversions Part 2

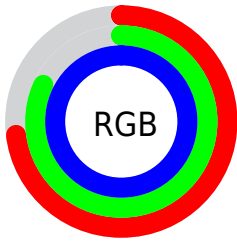
Format	Color
RYB	187, 204, 255
Decimal	12308991
CIELab	83.64, 2.59, -24.92
CIELCh	84, 25.050, 275.942
Yxy	63.3857, 0.2687, 0.2776
Android (android.graphics.Color)	4290499071 (0xFFBBD1FF)
YUV	207.6660, 23.3357, -18.1241
Hunter-Lab	79.6151, -1.7910, -21.4280

Details

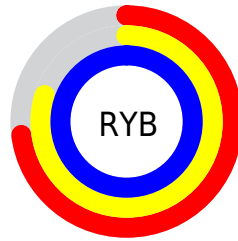
The XYZ color **61.3440, 63.3857, 103.6092** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.3487, 83.1255, 58.8783**, and the grayscale version is **59.6063, 62.7105, 68.2917**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **31.4301, 32.4254, 58.0283** is the 20% darker color. If you saturate the color by 10%, you get **51.6454, 52.4411, 102.0079**, and if you desaturate by 10%, it is **72.6121, 75.8226, 105.4159**.

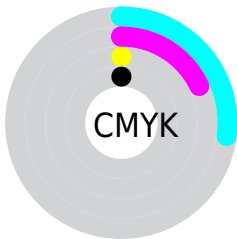
Distribution



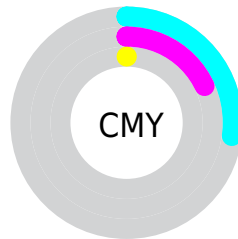
- Red (73%)
- Green (82%)
- Blue (100%)



- Red (73%)
- Yellow (80%)
- Blue (100%)



- Cyan (27%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3440, 63.3857, 103.6092 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 61.3440, 63.3857, 103.6092 by changing the saturation by 10% instead.

■ 61.3440, 63.3857,
103.6092

■ 61.3440, 63.3857,
103.6092

419.2900,
436.9679, 593.0484

■ 44.7564, 46.1533,
78.6845

■ 105.8722,
109.7258, 168.2033

■ 31.4661, 32.3668,
58.1167

134.5435,
139.6022, 208.7097

■ 21.1076, 21.6418,
41.4871

167.9734,
174.4622, 255.2472

■ 13.3156, 13.5940,
28.3774

206.5273,
214.6900, 308.2342

■ 7.7247, 7.8388,
18.3688

250.5706,
260.6701, 368.0892

■ 3.9696, 3.9920,
11.0429

300.4685,

■ 1.6850, 1.6691,

312.7868, 435.2309

5.9812

356.5866,
371.4247, 510.0778

■ 0.4468, 0.4035,
2.7650

■ 0.0000, 0.0000,
0.9759

■ 61.3440, 63.3857,
103.6092

■ 61.3440, 63.3857,
103.6092

■ 51.6454, 52.4411,
102.0079

■ 72.6121, 75.8226,
105.4159

■ 43.4378, 42.9223,
100.6032

■ 85.5123, 89.8002,
107.4339

■ 36.6436, 34.7681,
99.3873

95.0500, 100.0000,
108.9000

■ 31.1757, 27.9096,
98.3517

■ 26.9365, 22.2711,
97.4868

■ 23.8133, 17.7671,
96.7820

■ 21.6674, 14.2969,
96.2253

■ 21.1056, 13.3313,
96.0685

Harmonies

Analogous

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



56.0502, 63.3857, 100.4168



61.3440, 63.3857, 103.6092



66.6478, 63.3857, 96.4573

Triad

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



61.3440, 63.3857, 103.6092



69.1900, 63.3857, 52.7693



51.1241, 63.3857, 57.4259

Complementary

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



61.3440, 63.3857, 103.6092



79.3487, 83.1255, 58.8783

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.



54.2682, 63.3857, 47.3460



61.3440, 63.3857, 103.6092



64.6466, 63.3857, 44.9565

Square

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



61.3440, 63.3857, 103.6092



71.3510, 63.3857, 65.9381



59.1616, 63.3857, 43.1329



50.3579, 63.3857, 72.1888

Rectangle

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



61.3440, 63.3857, 103.6092



69.4082, 63.3857, 87.3419



59.1616, 63.3857, 43.1329



51.9282, 63.3857, 53.4519

Sweetspot

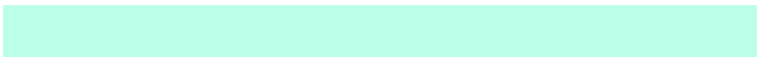
The Sweet Spot groups the original color and five complimentary colors.



61.3458, 63.3881, 103.6096



83.6937, 87.8435, 107.1521



70.8674, 87.9304, 89.8304



17.4828, 18.3373, 22.8680



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.



61.3458, 63.3881, 103.6096



55.9806, 57.3669, 102.7302



59.1985, 54.8136, 102.0677



17.4828, 18.3373, 22.8680



11.1476, 7.2048, 50.2377



1.1797, 0.8900, 4.9229

Inverse Universe

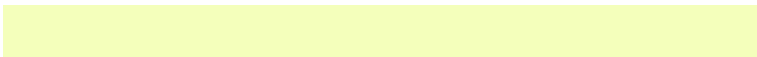
The Inverse Universe completely reimagines the original color for something new.



70.5202, 61.4057, 68.4599



66.6626, 55.4617, 61.7141



81.9229, 94.2816, 60.8960



18.2516, 18.0840, 19.9421



22.4150, 11.4553, 5.5699



2.2301, 1.1344, 0.7929

Previews

White Background



This preview shows how the XYZ color 61.3440, 63.3857, 103.6092 looks on a white background.

Color Contrast Check

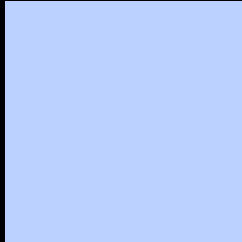
Large Text (above 18pt) WCAG AA × Fail

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 61.3440, 63.3857, 103.6092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

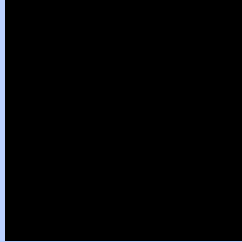
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3440, 63.3857, 103.6092

Background



This preview shows how black text looks on a background with the XYZ color 61.3440, 63.3857, 103.6092.



This preview shows how white text looks on a background with the XYZ color 61.3440, 63.3857,

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

61.3440, 63.3857, 103.6092

Protanopia

63.0896, 63.2402, 101.8099

Deuteranopia

64.5447, 63.2431, 103.4130



Tritanopia

57.3686, 63.2468, 84.0471

Trichromacy



Original Color

61.3440, 63.3857, 103.6092

Protanomaly

62.4504, 63.2507, 102.6831

Deuteranomaly

63.4100, 63.3684, 103.4970

Tritanomaly

58.8906, 63.5093, 90.8160

Monochromacy



Original Color

61.3440, 63.3857, 103.6092

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.9659, 62.8274, 80.2005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3440, 63.3857, 103.6092 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(187, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 209, 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(187, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.3440, 63.3857, 103.6092 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(187, 209, 255) }
```


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

```
.border{ border-color:rgb(187, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 209, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 209, 255); box-shadow:4px 4px 4px 4px rgb(187, 209, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3440, 63.3857, 103.6092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 209, 255) }
```

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

```
.background{ background-color: rgb(187,  
209, 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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