

Converting Colors

XYZ(62.4448, 63.1726,
103.5101)

Have a look what the booklet for
XYZ(62.4448, 63.1726, 103.5101)
contains.

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Color

**XYZ(62.6110, 63.3150,
103.5288)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CFFF
RGB	194, 207, 255
RGB Percent	76%, 81%, 100%
CMY	0.2392, 0.1882, 0.0000
CMYK	0.24, 0.19, 0.00, 0.00
HSL	227°, 100%, 88%
HSV	227°, 24%, 100%
XYZ	62.6110, 63.3150, 103.5288
YIQ	208.5850, -23.1560, 12.1720

Conversions

Conversions Part 2

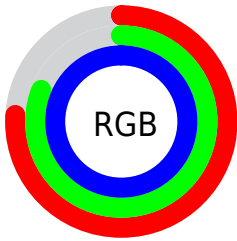
Format	Color
RYB	194, 205, 255
Decimal	12767231
CIELab	83.61, 5.71, -24.93
CIELCh	84, 25.574, 282.896
Yxy	63.3150, 0.2729, 0.2759
Android (android.graphics.Color)	4290957311 (0xFFC2CFFF)
YUV	208.5850, 22.8826, -12.7910
Hunter-Lab	79.5707, 1.2057, -21.4422

Details

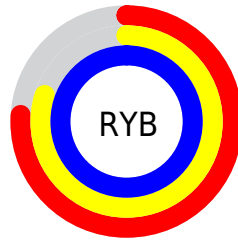
The XYZ color **62.6110, 63.3150, 103.5288** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.7298, 88.6588, 63.7933**, and the grayscale version is **60.2023, 63.3375, 68.9745**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **32.2317, 32.3487, 57.9712** is the 20% darker color. If you saturate the color by 10%, you get **52.0633, 51.1151, 101.7299**, and if you desaturate by 10%, it is **74.9030, 77.3342, 105.5869**.

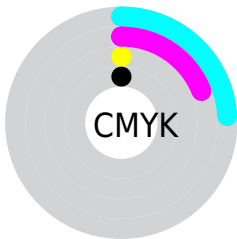
Distribution



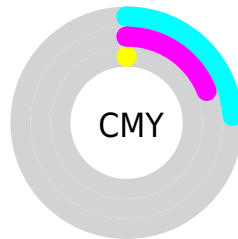
- Red (76%)
- Green (81%)
- Blue (100%)



- Red (76%)
- Yellow (80%)
- Blue (100%)



- Cyan (24%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6110, 63.3150, 103.5288 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 62.6110, 63.3150, 103.5288 by changing the saturation by 10% instead.

■ 62.6110, 63.3150,
103.5288

■ 62.6110, 63.3150,
103.5288

423.8385,
436.7118, 592.7911

■ 45.7840, 46.0961,
78.6176

■ 107.6931,
109.6238, 168.0922

■ 32.2793, 32.3217,
58.0620

136.6789,
139.4825, 208.5815

■ 21.7315, 21.6073,
41.4435

170.4484,
174.3233, 255.1005

■ 13.7753, 13.5686,
28.3434

209.3670,
214.5305, 308.0678

■ 8.0452, 7.8213,
18.3434

253.7999,
260.4886, 367.9020

■ 4.1759, 3.9808,
11.0248

304.1125,

■ 1.8021, 1.6628,

312.5819, 435.0216

5.9692

360.6703,
371.1948, 509.8451

■ 0.5190, 0.3994,
2.7579

■ 0.0000, 0.0000,
0.9724

■ 62.6110, 63.3150,
103.5288

■ 62.6110, 63.3150,
103.5288

■ 52.0633, 51.1151,
101.7299

■ 74.9030, 77.3342,
105.5869

■ 43.1740, 40.6514,
100.1787

■ 89.0090, 93.2365,
107.9129

■ 35.8581, 31.8452,
98.8645

95.0500, 100.0000,
108.9000

■ 30.0204, 24.6084,
97.7754

■ 25.5552, 18.8446,
96.8982

■ 22.3417, 14.4457,
96.2185

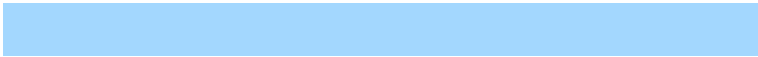
■ 20.2358, 11.2869,
95.7198

■ 19.3856, 9.8912,
95.4952

Harmonies

Analogous

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



57.0713, 63.3150, 102.7630



62.6110, 63.3150, 103.5288



67.7994, 63.3150, 94.0524

Triad

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



62.6110, 63.3150, 103.5288



68.4059, 63.3150, 50.0294



50.4750, 63.3150, 60.2722

Complementary

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



62.6110, 63.3150, 103.5288



82.7298, 88.6588, 63.7933

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.



53.1521, 63.3150, 48.7489



62.6110, 63.3150, 103.5288



63.3975, 63.3150, 43.4944

Square

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



62.6110, 63.3150, 103.5288



71.2819, 63.3150, 62.2919



57.8108, 63.3150, 43.0652



50.2934, 63.3150, 76.0435

Rectangle

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



62.6110, 63.3150, 103.5288



70.2682, 63.3150, 83.9447



57.8108, 63.3150, 43.0652



51.1049, 63.3150, 55.8379

Sweetspot

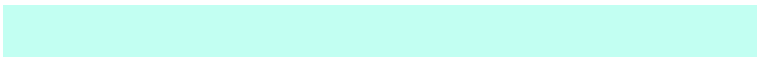
The Sweet Spot groups the original color and five complimentary colors.



62.6128, 63.3175, 103.5292



84.4670, 88.1341, 107.1674



74.0035, 89.3876, 97.1876



17.8933, 18.6549, 22.9076



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.



62.6128, 63.3175, 103.5292



57.0414, 56.8970, 102.5836



64.2884, 59.6961, 102.7419



17.3167, 18.0051, 22.8126



10.2163, 5.3422, 49.9273



1.0699, 0.6704, 4.8863

Inverse Universe

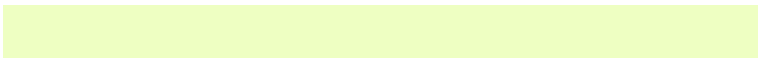
The Inverse Universe completely reimagines the original color for something new.



71.7955, 64.3502, 67.6710



67.8305, 58.3507, 60.3982



80.6631, 93.5435, 64.8451



18.1678, 18.0504, 19.5007



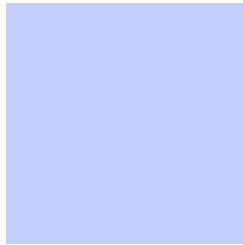
21.9449, 11.2673, 3.0944



2.1746, 1.1122, 0.5010

Previews

White Background



This preview shows how the XYZ color 62.6110, 63.3150, 103.5288 looks on a white background.

Color Contrast Check

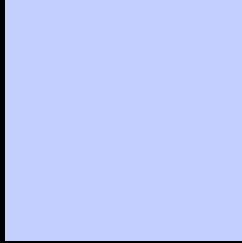
Large Text (above 18pt) WCAG AA × Fail

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 62.6110, 63.3150, 103.5288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

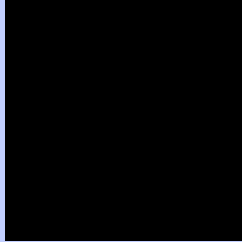
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6110, 63.3150, 103.5288

Background



This preview shows how black text looks on a background with the XYZ color 62.6110, 63.3150, 103.5288.



This preview shows how white text looks on a background with the XYZ color 62.6110, 63.3150,

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

62.6110, 63.3150, 103.5288

Protanopia

62.9867, 63.1687, 102.6390

Deuteranopia

64.5447, 63.2431, 103.4130



Tritanopia

58.6726, 63.5629, 83.3052

Trichromacy



Original Color

62.6110, 63.3150, 103.5288

Protanomaly

62.7256, 63.0341, 102.6267

Deuteranomaly

63.7007, 63.1620, 103.4418

Tritanomaly

59.9651, 63.3426, 89.9548

Monochromacy



Original Color

62.6110, 63.3150, 103.5288

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.1852, 63.4401, 80.9719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6110, 63.3150, 103.5288 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(194, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 207, 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(194, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.6110, 63.3150, 103.5288 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(194, 207, 255) }
```


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

```
.border{ border-color:rgb(194, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6110, 63.3150, 103.5288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 207, 255) }
```

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

```
.background{ background-color: rgb(194,  
207, 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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