

Converting Colors

XYZ(63.4330, 64.0510,
108.1716)

Have a look what the booklet for
XYZ(63.4330, 64.0510, 108.1716)
contains.

XYZ(62.5982, 63.6692, 103.5978)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.5982, 63.6692,
103.5978)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D0FF
RGB	193, 208, 255
RGB Percent	76%, 82%, 100%
CMY	0.2431, 0.1843, 0.0000
CMYK	0.24, 0.18, 0.00, 0.00
HSL	225°, 100%, 88%
HSV	225°, 24%, 100%
XYZ	62.5982, 63.6692, 103.5978
YIQ	208.8730, -24.0270, 11.4370

Conversions

Conversions Part 2

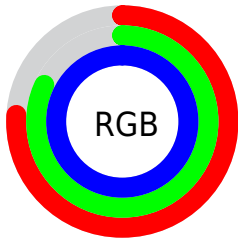
Format	Color
R_{YB}	193, 205, 255
Decimal	12701951
CIE _{Lab}	83.79, 4.88, -24.65
CIE _{LCh}	84, 25.131, 281.194
Yxy	63.6692, 0.2723, 0.2770
Android (android.graphics.Color)	4290892031 (0xFFC1D0FF)
YUV	208.8730, 22.7406, -13.9206
Hunter-Lab	79.7930, 0.3969, -21.1230

Details

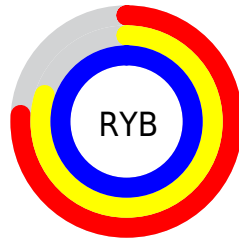
The XYZ color **62.5982, 63.6692, 103.5978** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.0257, 87.4299, 63.0063**, and the grayscale version is **60.3908, 63.5359, 69.1905**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **32.2299, 32.5917, 58.0182** is the 20% darker color. If you saturate the color by 10%, you get **52.2205, 51.7456, 101.8433**, and if you desaturate by 10%, it is **74.6747, 77.3242, 105.5970**.

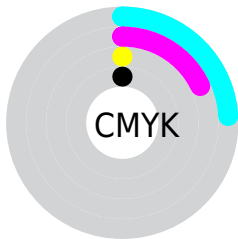
Distribution



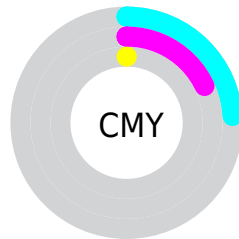
- Red (76%)
- Green (82%)
- Blue (100%)



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



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5982, 63.6692, 103.5978 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 62.5982, 63.6692, 103.5978 by changing the saturation by 10% instead.

■ 62.5982, 63.6692,
103.5978

■ 62.5982, 63.6692,
103.5978

423.7927,
437.9941, 593.0119

■ 45.7737, 46.3828,
78.6750

■ 107.6747,
110.1344, 168.1875

■ 32.2711, 32.5480,
58.1089

136.6574,
140.0820, 208.6915

■ 21.7252, 21.7804,
41.4809

170.4235,
175.0187, 255.2264

■ 13.7706, 13.6956,
28.3725

209.3383,
215.3291, 308.2106

■ 8.0419, 7.9093,
18.3652

253.7673,
261.3974, 368.0627

■ 4.1738, 4.0370,
11.0403

304.0758,

■ 1.8009, 1.6943,

313.6081, 435.2013

5.9795

360.6291,
372.3455, 510.0448

■ 0.5182, 0.4199,
2.7640

■ 0.0000, 0.0000,
0.9754

■ 62.5982, 63.6692,
103.5978

■ 62.5982, 63.6692,
103.5978

■ 52.2205, 51.7456,
101.8433

■ 74.6747, 77.3242,
105.5970

■ 43.4580, 41.4753,
100.3228

■ 88.5174, 92.7699,
107.8487

■ 36.2282, 32.7849,
99.0264

95.0500, 100.0000,
108.9000

■ 30.4387, 25.5923,
97.9433

■ 25.9867, 19.8075,
97.0613

■ 22.7545, 15.3298,
96.3674

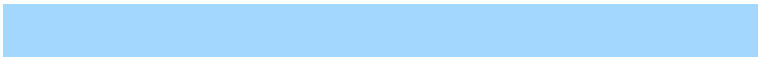
■ 20.6016, 12.0426,
95.8464

■ 19.7564, 10.6328,
95.6188

Harmonies

Analogous

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



57.1604, 63.6692, 102.2394



62.5982, 63.6692, 103.5978



67.7737, 63.6692, 94.7877

Triad

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



62.5982, 63.6692, 103.5978



68.8532, 63.6692, 51.1812



51.0202, 63.6692, 59.9862

Complementary

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



62.5982, 63.6692, 103.5978



82.0257, 87.4299, 63.0063

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.



53.7953, 63.6692, 48.8869



62.5982, 63.6692, 103.5978



63.9998, 63.6692, 44.3621

Square

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



62.5982, 63.6692, 103.5978



71.5284, 63.6692, 63.5935



58.4798, 63.6692, 43.5915



50.6956, 63.6692, 75.3908

Rectangle

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



62.5982, 63.6692, 103.5978



70.2939, 63.6692, 85.0164



58.4798, 63.6692, 43.5915



51.6891, 63.6692, 55.6938

Sweetspot

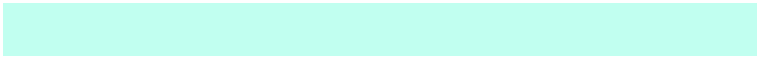
The Sweet Spot groups the original color and five complimentary colors.



62.6000, 63.6717, 103.5982



84.6195, 88.4390, 107.2183



73.4072, 89.1195, 95.3826



17.9285, 18.7253, 22.9194



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.



62.6000, 63.6717, 103.5982



57.5282, 57.8706, 102.7458



63.2746, 58.8441, 102.6309



17.3599, 18.0913, 22.8270



10.4193, 5.7482, 49.9949



1.0952, 0.7211, 4.8947

Inverse Universe

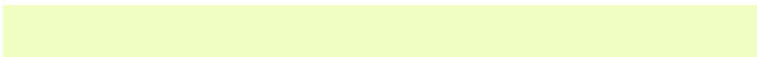
The Inverse Universe completely reimagines the original color for something new.



71.6963, 63.9556, 68.2431



68.0763, 58.4490, 61.6921



81.1519, 93.8084, 64.2836



18.1895, 18.0591, 19.6153



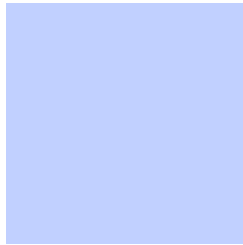
22.0474, 11.3082, 3.6341



2.1874, 1.1173, 0.5684

Previews

White Background



This preview shows how the XYZ color 62.5982, 63.6692, 103.5978 looks on a white background.

Color Contrast Check

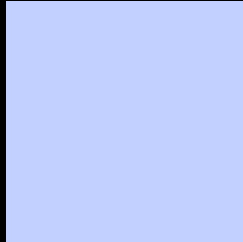
Large Text (above 18pt) WCAG AA × Fail

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 62.5982, 63.6692, 103.5978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

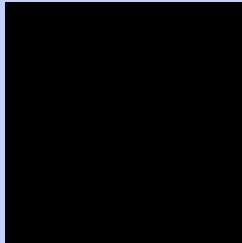
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5982, 63.6692, 103.5978

Background



This preview shows how black text looks on a background with the XYZ color 62.5982, 63.6692, 103.5978.



This preview shows how white text looks on a background with the XYZ color 62.5982, 63.6692,

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

62.5982, 63.6692, 103.5978

Protanopia

63.4909, 63.7872, 102.7318

Deuteranopia

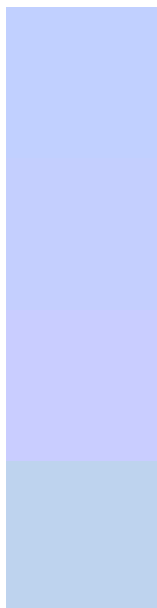
64.8197, 63.3849, 103.4259



Tritanopia

58.4254, 63.4355, 83.2937

Trichromacy



Original Color

62.5982, 63.6692, 103.5978

Protanomaly

62.9672, 63.5172, 102.7072

Deuteranomaly

63.9687, 63.3002, 103.4544

Tritanomaly

59.9621, 63.7087, 90.0256

Monochromacy



Original Color

62.5982, 63.6692, 103.5978

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.1565, 63.7884, 81.0406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5982, 63.6692, 103.5978 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(193, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 208, 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(193, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.5982, 63.6692, 103.5978 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(193, 208, 255) }
```


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

```
.border{ border-color:rgb(193, 208, 255) }
```

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

Here you see how a box with a 4 pixel rgb(193, 208, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5982, 63.6692, 103.5978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 208, 255) }
```

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

```
.background{ background-color: rgb(193,  
208, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor