

Converting Colors

XYZ(63.2876, 62.5950,
105.2118)

Have a look what the booklet for
XYZ(63.2876, 62.5950, 105.2118)
contains.

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Color

**XYZ(62.9316, 62.4115,
103.3375)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CCFF
RGB	198, 204, 255
RGB Percent	78%, 80%, 100%
CMY	0.2235, 0.2000, 0.0000
CMYK	0.22, 0.20, 0.00, 0.00
HSL	234°, 100%, 89%
HSV	234°, 22%, 100%
XYZ	62.9316, 62.4115, 103.3375
YIQ	208.0200, -19.9470, 14.5890

Conversions

Conversions Part 2

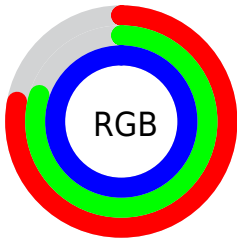
Format	Color
R _Y B	198, 203, 255
Decimal	13028607
CIE Lab	83.13, 8.50, -25.63
CIE LCh	83, 27.001, 288.350
Yxy	62.4115, 0.2752, 0.2729
Android (android.graphics.Color)	4291218687 (0xFFC6CCFF)
YUV	208.0200, 23.1611, -8.7875
Hunter-Lab	79.0009, 3.9402, -22.2539

Details

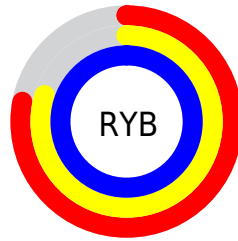
The XYZ color **62.9316, 62.4115, 103.3375** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.3087, 93.0880, 66.8995**, and the grayscale version is **59.8326, 62.9486, 68.5510**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4271, 31.7295, 57.8414** is the 20% darker color. If you saturate the color by 10%, you get **51.7363, 49.1724, 101.3722**, and if you desaturate by 10%, it is **76.0564, 77.8274, 105.6213**.

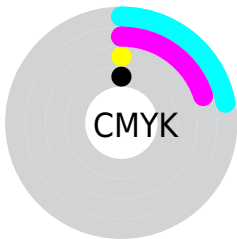
Distribution



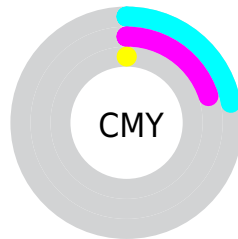
- Red (78%)
- Green (80%)
- Blue (100%)



- Red (78%)
- Yellow (80%)
- Blue (100%)



- Cyan (22%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9316, 62.4115, 103.3375 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 62.9316, 62.4115, 103.3375 by changing the saturation by 10% instead.

■ 62.9316, 62.4115,
103.3375

■ 62.9316, 62.4115,
103.3375

424.9848,
433.4305, 592.1786

■ 46.0443, 45.3653,
78.4584

108.1532,
108.3200, 167.8279

■ 32.4856, 31.7452,
57.9319

137.2182,
137.9512, 208.2763

■ 21.8900, 21.1670,
41.3396

171.0732,
172.5460, 254.7514

■ 13.8922, 13.2461,
28.2628

210.0835,
212.4890, 307.6720

■ 8.1270, 7.5982,
18.2831

254.6144,
258.1646, 367.4564

■ 4.2288, 3.8390,
10.9819

305.0314,

■ 1.8324, 1.5839,

309.9571, 434.5233

5.9406

361.6997,
368.2510, 509.2912

■ 0.5371, 0.3467,
2.7408

■ 0.0000, 0.0000,
0.9639

■ 62.9316, 62.4115,
103.3375

■ 62.9316, 62.4115,
103.3375

■ 51.7363, 49.1724,
101.3722

■ 76.0564, 77.8274,
105.6213

■ 42.3739, 38.0049,
99.7101

■ 91.1901, 95.5046,
108.2357

■ 34.7480, 28.8057,
98.3364

95.0500, 100.0000,
108.9000

■ 28.7508, 21.4601,
97.2346

■ 24.2624, 15.8412,
96.3866

■ 21.1462, 11.8058,
95.7720

■ 19.2403, 9.1872,
95.3670

■ 18.4385, 7.9970,
95.1795

Harmonies

Analogous

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



57.0783, 62.4115, 104.6312



62.9316, 62.4115, 103.3375



68.1263, 62.4115, 91.6852

Triad

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



62.9316, 62.4115, 103.3375



67.1121, 62.4115, 46.6189



48.9738, 62.4115, 61.6573

Complementary

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



62.9316, 62.4115, 103.3375



85.3087, 93.0880, 66.8995

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.



51.3078, 62.4115, 48.7202



62.9316, 62.4115, 103.3375



61.6202, 62.4115, 41.0410

Square

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



62.9316, 62.4115, 103.3375



70.6471, 62.4115, 58.3119



55.8498, 62.4115, 41.7410



49.2738, 62.4115, 78.6077

Rectangle

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



62.9316, 62.4115, 103.3375



70.3986, 62.4115, 80.5436



55.8498, 62.4115, 41.7410



49.4698, 62.4115, 56.7525

Sweetspot

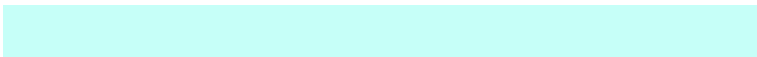
The Sweet Spot groups the original color and five complimentary colors.



62.9334, 62.4139, 103.3379



83.9003, 87.0006, 106.9785



76.0472, 90.3253, 102.5186



17.7625, 18.3932, 22.8640



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.



62.9334, 62.4139, 103.3379



57.4945, 55.9946, 102.3855



67.7152, 62.8021, 103.1608



17.1569, 17.6854, 22.7593



9.6841, 4.2778, 49.7499



0.9912, 0.5130, 4.8601

Inverse Universe

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



72.3344, 66.0094, 66.0581



68.5008, 60.3091, 58.7163



79.6070, 92.9465, 67.1727



18.0871, 18.0181, 19.0758



21.6763, 11.1598, 1.6798



2.1349, 1.0963, 0.2918

Previews

White Background



This preview shows how the XYZ color 62.9316, 62.4115, 103.3375 looks on a white background.

Color Contrast Check

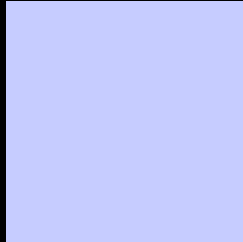
Large Text (above 18pt) WCAG AA × Fail

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 62.9316, 62.4115, 103.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

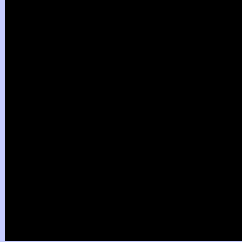
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9316, 62.4115, 103.3375

Background



This preview shows how black text looks on a background with the XYZ color 62.9316, 62.4115, 103.3375.



This preview shows how white text looks on a background with the XYZ color 62.9316, 62.4115,

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

62.9316, 62.4115, 103.3375

Protanopia

62.3870, 62.4847, 103.3804

Deuteranopia

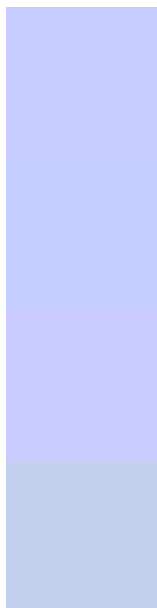
63.7631, 62.4884, 103.3085



Tritanopia

58.2662, 62.2984, 80.9053

Trichromacy



Original Color

62.9316, 62.4115, 103.3375

Protanomaly

62.6463, 62.6184, 103.3925

Deuteranomaly

63.4933, 62.3494, 103.2959

Tritanomaly

59.8470, 62.2094, 88.9741

Monochromacy



Original Color

62.9316, 62.4115, 103.3375

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.8053, 62.8993, 80.1702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9316, 62.4115, 103.3375 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(198, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 204, 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(198, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.9316, 62.4115, 103.3375 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(198, 204, 255) }
```


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

```
.border{ border-color:rgb(198, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9316, 62.4115, 103.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 204, 255) }
```

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

```
.background{ background-color: rgb(198,  
204, 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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