

Converting Colors

XYZ(67.6366, 66.0652,
130.4774)

Have a look what the booklet for
XYZ(67.6366, 66.0652, 130.4774)
contains.

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Color

**XYZ(62.5887, 64.0274,
103.6675)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D1FF
RGB	192, 209, 255
RGB Percent	75%, 82%, 100%
CMY	0.2470, 0.1804, 0.0000
CMYK	0.25, 0.18, 0.00, 0.00
HSL	224°, 100%, 88%
HSV	224°, 25%, 100%
XYZ	62.5887, 64.0274, 103.6675
YIQ	209.1610, -24.8980, 10.7020

Conversions

Conversions Part 2

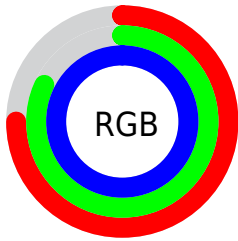
Format	Color
RYB	192, 205, 255
Decimal	12636671
CIELab	83.98, 4.05, -24.37
CIElCh	84, 24.709, 279.437
Yxy	64.0274, 0.2718, 0.2780
Android (android.graphics.Color)	4290826751 (0xFFC0D1FF)
YUV	209.1610, 22.5986, -15.0502
Hunter-Lab	80.0171, -0.4088, -20.8021

Details

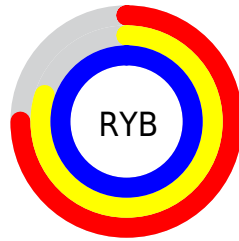
The XYZ color **62.5887, 64.0274, 103.6675** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.3290, 86.2143, 62.2255**, and the grayscale version is **60.5797, 63.7346, 69.4070**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **32.2309, 32.8383, 58.0657** is the 20% darker color. If you saturate the color by 10%, you get **52.3787, 52.3758, 101.9566**, and if you desaturate by 10%, it is **74.4547, 77.3282, 105.6094**.

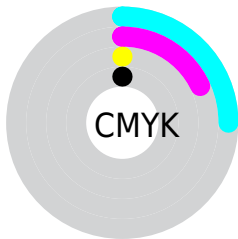
Distribution



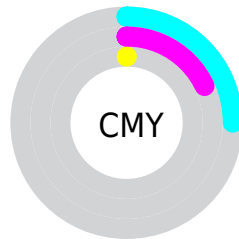
- Red (75%)
- Green (82%)
- Blue (100%)



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



- Cyan (25%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5887, 64.0274, 103.6675 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 62.5887, 64.0274, 103.6675 by changing the saturation by 10% instead.

■ 62.5887, 64.0274,
103.6675

■ 62.5887, 64.0274,
103.6675

423.7587,
439.2886, 593.2349

■ 45.7659, 46.6729,
78.7330

■ 107.6611,
110.6504, 168.2838

■ 32.2650, 32.7771,
58.1563

136.6414,
140.6876, 208.8027

■ 21.7205, 21.9558,
41.5188

170.4049,
175.7213, 255.3535

■ 13.7671, 13.8244,
28.4019

209.3171,
216.1356, 308.3547

■ 8.0395, 7.9986,
18.3872

253.7432,
262.3152, 368.2250

■ 4.1723, 4.0941,
11.0560

304.0486,

■ 1.8000, 1.7263,

314.6442, 435.3827

5.9899

360.5986,
373.5072, 510.2465

■ 0.5177, 0.4406,
2.7702

■ 0.0000, 0.0000,
0.9785

■ 62.5887, 64.0274,
103.6675

■ 62.5887, 64.0274,
103.6675

■ 52.3787, 52.3758,
101.9566

■ 74.4547, 77.3282,
105.6094

■ 43.7434, 42.2997,
100.4669

■ 88.0423, 92.3333,
107.7895

■ 36.6023, 33.7305,
99.1892

95.0500, 100.0000,
108.9000

■ 30.8655, 26.5913,
98.1136

■ 26.4326, 20.7977,
97.2289

■ 23.1888, 16.2554,
96.5232

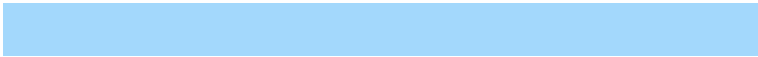
■ 20.9962, 12.8549,
95.9824

■ 20.1669, 11.4538,
95.7556

Harmonies

Analogous

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



57.2530, 64.0274, 101.7200



62.5887, 64.0274, 103.6675



67.7508, 64.0274, 95.5265

Triad

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



62.5887, 64.0274, 103.6675



69.3040, 64.0274, 52.3525



51.5719, 64.0274, 59.7064

Complementary

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



62.5887, 64.0274, 103.6675



81.3290, 86.2143, 62.2255

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.



54.4458, 64.0274, 49.0299



62.5887, 64.0274, 103.6675



64.6074, 64.0274, 45.2443

Square

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



62.5887, 64.0274, 103.6675



71.7775, 64.0274, 64.9140



59.1558, 64.0274, 44.1260



51.1029, 64.0274, 74.7470

Rectangle

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



62.5887, 64.0274, 103.6675



70.3221, 64.0274, 86.0970



59.1558, 64.0274, 44.1260



52.2802, 64.0274, 55.5551

Sweetspot

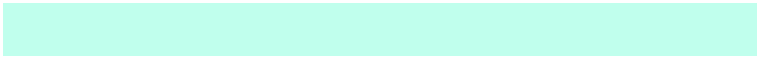
The Sweet Spot groups the original color and five complimentary colors.



62.5905, 64.0299, 103.6679



84.7675, 88.7351, 107.2676



72.8071, 88.8501, 93.5488



17.9628, 18.7937, 22.9308



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.



62.5905, 64.0299, 103.6679



56.9819, 57.6580, 102.7336



62.2575, 57.9927, 102.5201



17.4018, 18.1752, 22.8409



10.6423, 6.1942, 50.0693



1.1219, 0.7746, 4.9036

Inverse Universe

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



71.5995, 63.5643, 68.8198



67.5858, 57.4304, 61.6443



81.6702, 94.0885, 63.7274



18.2107, 18.0676, 19.7267



22.1599, 11.3533, 4.2268



2.2009, 1.1227, 0.6394

Previews

White Background



This preview shows how the XYZ color 62.5887, 64.0274, 103.6675 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 62.5887, 64.0274, 103.6675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

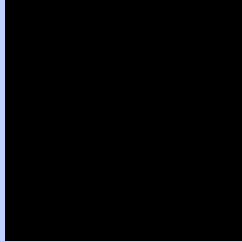
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5887, 64.0274, 103.6675

Background



This preview shows how black text looks on a background with the XYZ color 62.5887, 64.0274, 103.6675.



This preview shows how white text looks on a background with the XYZ color 62.5887, 64.0274,

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

62.5887, 64.0274, 103.6675

Protanopia

63.7554, 63.9235, 102.7441

Deuteranopia

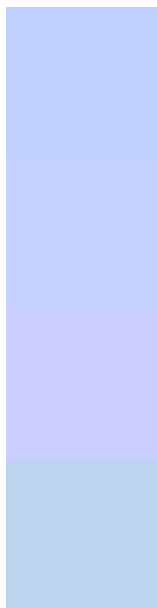
65.3349, 64.0045, 103.5183



Tritanopia

58.5707, 63.8665, 84.1034

Trichromacy



Original Color

62.5887, 64.0274, 103.6675

Protanomaly

63.2102, 64.0033, 102.7883

Deuteranomaly

64.2087, 63.7801, 103.5344

Tritanomaly

60.1097, 64.1378, 90.8731

Monochromacy



Original Color

62.5887, 64.0274, 103.6675

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 62.5887, 64.0274, 103.6675 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(192, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.5887, 64.0274, 103.6675 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(192, 209, 255) }
```


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

```
.border{ border-color:rgb(192, 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(192, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 209, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 209, 255); box-shadow:4px 4px 4px 4px rgb(192, 209, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5887, 64.0274, 103.6675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 209, 255) }
```

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

```
.background{ background-color: rgb(192,  
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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