

Converting Colors

XYZ(67.6944, 64.8953,
128.1538)

Have a look what the booklet for
XYZ(67.6944, 64.8953, 128.1538)
contains.

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Color

**XYZ(63.1473, 63.2329,
103.4847)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CEFF
RGB	197, 206, 255
RGB Percent	77%, 81%, 100%
CMY	0.2274, 0.1921, 0.0000
CMYK	0.23, 0.19, 0.00, 0.00
HSL	231°, 100%, 89%
HSV	231°, 23%, 100%
XYZ	63.1473, 63.2329, 103.4847
YIQ	208.8950, -21.0930, 13.3310

Conversions

Conversions Part 2

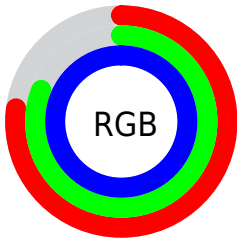
Format	Color
R_{YB}	197, 205, 255
Decimal	12963583
CIE _{Lab}	83.56, 7.13, -24.98
CIE _{LCh}	84, 25.973, 285.937
Yxy	63.2329, 0.2747, 0.2751
Android (android.graphics.Color)	4291153663 (0xFFC5CEFF)
YUV	208.8950, 22.7298, -10.4319
Hunter-Lab	79.5191, 2.5910, -21.4955

Details

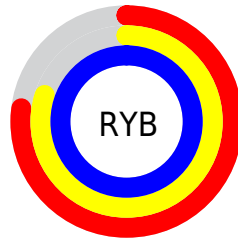
The XYZ color **63.1473, 63.2329, 103.4847** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.2739, 91.2023, 65.9873**, and the grayscale version is **60.4038, 63.5495, 69.2054**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **32.5766, 32.2845, 57.9406** is the 20% darker color. If you saturate the color by 10%, you get **52.1910, 50.4077, 101.5866**, and if you desaturate by 10%, it is **75.9474, 78.0668, 105.6733**.

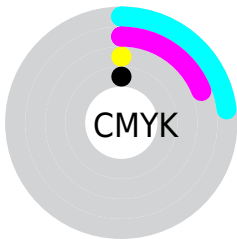
Distribution



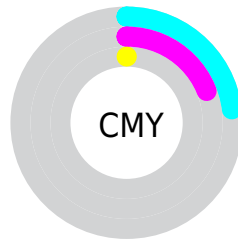
- Red (77%)
- Green (81%)
- Blue (100%)



- Red (77%)
- Yellow (80%)
- Blue (100%)



- Cyan (23%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1473, 63.2329, 103.4847 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 63.1473, 63.2329, 103.4847 by changing the saturation by 10% instead.

■ 63.1473, 63.2329,
103.4847

■ 63.1473, 63.2329,
103.4847

425.7550,
436.4142, 592.6499

■ 46.2195, 46.0296,
78.5809

108.4626,
109.5054, 168.0313

■ 32.6244, 32.2692,
58.0320

137.5808,
139.3435, 208.5111

■ 21.9967, 21.5672,
41.4195

171.4932,
174.1620, 255.0200

■ 13.9711, 13.5392,
28.3249

210.5651,
214.3453, 307.9766

■ 8.1821, 7.8009,
18.3295

255.1619,
260.2778, 367.7993

■ 4.2645, 3.9678,
11.0149

305.6489,

■ 1.8528, 1.6556,

312.3438, 434.9068

5.9626

362.3915,
370.9278, 509.7174

■ 0.5492, 0.3946,
2.7539

■ 0.0000, 0.0000,
0.9704

■ 63.1473, 63.2329,
103.4847

■ 63.1473, 63.2329,
103.4847

■ 52.1910, 50.4077,
101.5866

■ 75.9474, 78.0668,
105.6733

■ 42.9875, 39.4970,
99.9657

■ 90.6657, 94.9835,
108.1628

■ 35.4462, 30.4102,
98.6093

95.0500, 100.0000,
108.9000

■ 29.4662, 23.0462,
97.5031

■ 24.9351, 17.2938,
96.6316

■ 21.7252, 13.0283,
95.9774

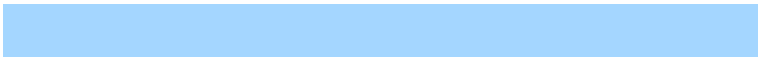
■ 19.6850, 10.1056,
95.5208

■ 18.7946, 8.7091,
95.2982

Harmonies

Analogous

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



57.4882, 63.2329, 103.8321



63.1473, 63.2329, 103.4847



68.2882, 63.2329, 92.9512

Triad

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



63.1473, 63.2329, 103.4847



68.0138, 63.2329, 48.7462



50.1250, 63.2329, 61.5317

Complementary

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



63.1473, 63.2329, 103.4847



84.2739, 91.2023, 65.9873

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.



52.5958, 63.2329, 49.3225



63.1473, 63.2329, 103.4847



62.7917, 63.2329, 42.7663

Square

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



63.1473, 63.2329, 103.4847



71.2163, 63.2329, 60.6204



57.1542, 63.2329, 42.9592



50.2069, 63.2329, 77.7924

Rectangle

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



63.1473, 63.2329, 103.4847



70.6257, 63.2329, 82.3950



57.1542, 63.2329, 42.9592



50.6775, 63.2329, 56.8771

Sweetspot

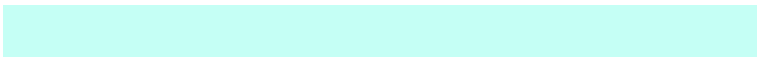
The Sweet Spot groups the original color and five complimentary colors.



63.1491, 63.2354, 103.4851



84.1618, 87.5236, 107.0657



75.3192, 90.0037, 100.0564



17.8229, 18.5139, 22.8841



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.



63.1491, 63.2354, 103.4851



58.2651, 57.5357, 102.6423



66.4351, 61.8040, 103.0356



17.2306, 17.8328, 22.7839



9.8878, 4.6851, 49.8178



1.0257, 0.5821, 4.8716

Inverse Universe

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



72.3481, 65.6504, 67.2538



68.8897, 60.4647, 60.7645



80.3202, 93.3274, 66.6059



18.1243, 18.0330, 19.2716



21.7791, 11.2009, 2.2212



2.1523, 1.1033, 0.3836

Previews

White Background



This preview shows how the XYZ color 63.1473, 63.2329, 103.4847 looks on a white background.

Color Contrast Check

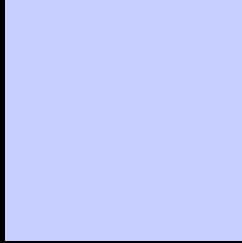
Large Text (above 18pt) WCAG AA × Fail

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 63.1473, 63.2329, 103.4847 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 63.1473, 63.2329, 103.4847

Background



This preview shows how black text looks on a background with the XYZ color 63.1473, 63.2329, 103.4847.



This preview shows how white text looks on a background with the XYZ color 63.1473, 63.2329,

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

63.1473, 63.2329, 103.4847

Protanopia

63.1473, 63.2329, 103.4847

Deuteranopia

64.5447, 63.2431, 103.4130



Tritanopia

59.0361, 63.3964, 82.5240

Trichromacy



Original Color

63.1473, 63.2329, 103.4847

Protanomaly

63.1473, 63.2329, 103.4847

Deuteranomaly

63.9687, 63.3002, 103.4544

Tritanomaly

60.4812, 63.2433, 89.9084

Monochromacy



Original Color

63.1473, 63.2329, 103.4847

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.4602, 63.5819, 80.9847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1473, 63.2329, 103.4847 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(197, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 206, 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(197, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.1473, 63.2329, 103.4847 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(197, 206, 255) }
```


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

```
.border{ border-color:rgb(197, 206, 255) }
```

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

Here you see how a box with a 4 pixel rgb(197, 206, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1473, 63.2329, 103.4847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 206, 255) }
```

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

```
.background{ background-color: rgb(197,  
206, 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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