

Converting Colors

XYZ(70.5281, 65.1649,
103.4686)

Have a look what the booklet for
XYZ(70.5281, 65.1649, 103.4686)
contains.

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Color

**XYZ(70.6152, 65.3242,
103.4947)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C9FF
RGB	227, 201, 255
RGB Percent	89%, 79%, 100%
CMY	0.1098, 0.2117, 0.0000
CMYK	0.11, 0.21, 0.00, 0.00
HSL	269°, 100%, 89%
HSV	269°, 21%, 100%
XYZ	70.6152, 65.3242, 103.4947
YIQ	214.9300, -1.8380, 22.3060

Conversions

Conversions Part 2

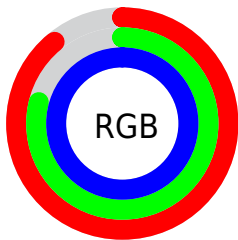
Format	Color
R_{YB}	227, 201, 255
Decimal	14928383
CIE _{Lab}	84.65, 19.01, -23.11
CIE _{LCh}	85, 29.926, 309.447
Yxy	65.3242, 0.2949, 0.2728
Android (android.graphics.Color)	4293118463 (0xFFE3C9FF)
YUV	214.9300, 19.7545, 10.5854
Hunter-Lab	80.8234, 14.5141, -19.3447

Details

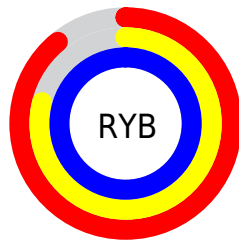
The XYZ color **70.6152, 65.3242, 103.4947** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.6172, 92.3958, 68.9520**, and the grayscale version is **64.4171, 67.7718, 73.8035**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4213, 33.6026, 57.9397** is the 20% darker color. If you saturate the color by 10%, you get **61.1458, 52.3399, 101.4876**, and if you desaturate by 10%, it is **81.3954, 80.4524, 105.8466**.

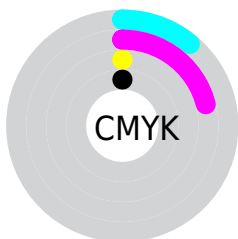
Distribution



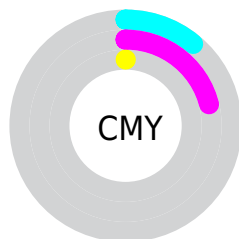
- Red (89%)
- Green (79%)
- Blue (100%)



- Red (89%)
- Yellow (79%)
- Blue (100%)



- Cyan (11%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6152, 65.3242, 103.4947 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 70.6152, 65.3242, 103.4947 by changing the saturation by 10% instead.

70.6152, 65.3242,
103.4947

70.6152, 65.3242,
103.4947

451.9399,
443.9561, 592.6819

52.3096, 47.7240,
78.5892

119.1071,
112.5158, 168.0451

37.4772, 33.6084,
58.0388

150.0242,
142.8761, 208.5271

25.7526, 22.5929,
41.4249

185.8759,
178.2584, 255.0383

16.7703, 14.2932,
28.3291

227.0275,
219.0473, 307.9973

10.1652, 8.3249,
18.3327

273.8443,
265.6271, 367.8226

5.5717, 4.3035,
11.0172

326.6917,

2.6246, 1.8448,

318.3823, 434.9328

5.9641

385.9352,
377.6971, 509.7464

■ 0.9585, 0.5148,
2.7548

■ 0.0000, 0.0000,
0.9708

■ 70.6152, 65.3242,
103.4947

■ 70.6152, 65.3242,
103.4947

■ 61.1458, 52.3399,
101.4876

■ 81.3954, 80.4524,
105.8466

■ 52.9257, 41.3905,
99.8074

■ 93.5329, 97.8106,
108.5574

■ 45.8967, 32.3693,
98.4366

95.0500, 100.0000,
108.9000

■ 39.9930, 25.1562,
97.3555

■ 35.1417, 19.6174,
96.5421

■ 31.2599, 15.5993,
95.9711

■ 28.2493, 12.9183,
95.6123

■ 26.1864, 11.4144,
95.4308

Harmonies

Analogous

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



64.2215, 65.3242, 113.9504



70.6152, 65.3242, 103.4947



74.9132, 65.3242, 84.8438

Triad

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



70.6152, 65.3242, 103.4947



66.7097, 65.3242, 41.9359



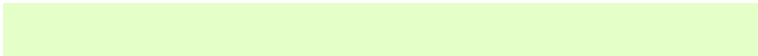
50.2572, 65.3242, 77.3390

Complementary

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



70.6152, 65.3242, 103.4947



78.6172, 92.3958, 68.9520

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.



50.8183, 65.3242, 58.9744



70.6152, 65.3242, 103.4947



60.0036, 65.3242, 40.6531

Square

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



70.6152, 65.3242, 103.4947



72.5485, 65.3242, 50.2154



54.2777, 65.3242, 46.3274



52.6859, 65.3242, 97.1618

Rectangle

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



70.6152, 65.3242, 103.4947



75.8433, 65.3242, 71.4829



54.2777, 65.3242, 46.3274



50.1065, 65.3242, 70.7721

Sweetspot

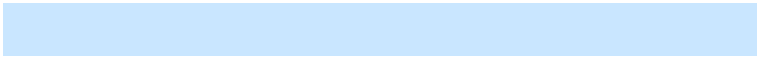
The Sweet Spot groups the original color and five complimentary colors.



70.6171, 65.3269, 103.4952



87.5031, 89.1499, 107.2035



70.3806, 76.1219, 105.5913



18.5599, 18.8396, 22.9081



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.



70.6171, 65.3269, 103.4952



66.8424, 60.1115, 102.6874



79.5187, 69.9159, 103.9118



17.8353, 17.8068, 22.7470



13.8533, 6.0521, 49.8726



1.4742, 0.6539, 4.8618

Inverse Universe

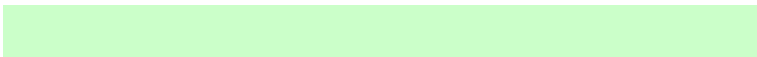
The Inverse Universe completely reimagines the original color for something new.



76.2711, 68.6929, 83.3699



73.4215, 64.0292, 79.2279



70.8787, 88.4064, 68.5899



18.4027, 18.1444, 20.7378



23.8090, 12.0129, 12.9104



2.3734, 1.1917, 1.5479

Previews

White Background



This preview shows how the XYZ color 70.6152, 65.3242, 103.4947 looks on a white background.

Color Contrast Check

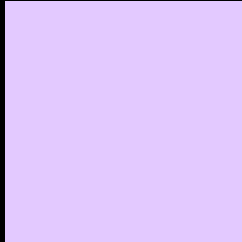
Large Text (above 18pt) WCAG AA × Fail

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 70.6152, 65.3242, 103.4947 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 70.6152, 65.3242, 103.4947

Background



This preview shows how black text looks on a background with the XYZ color 70.6152, 65.3242, 103.4947.

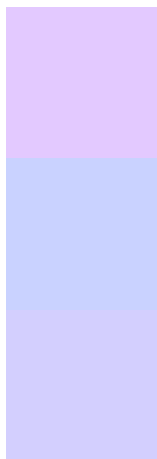


This preview shows how white text looks on a background with the XYZ color 70.6152, 65.3242,

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

70.6152, 65.3242, 103.4947

Protanopia

65.1840, 65.7307, 103.8595

Deuteranopia

67.0662, 65.6303, 102.8991



Tritanopia

65.7563, 65.4830, 78.9858

Trichromacy



Original Color

70.6152, 65.3242, 103.4947

Protanomaly

66.9412, 65.5473, 103.7315

Deuteranomaly

68.3360, 65.5701, 102.8205

Tritanomaly

67.5672, 65.5081, 87.6804

Monochromacy



Original Color

70.6152, 65.3242, 103.4947

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.5429, 66.8664, 84.2622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6152, 65.3242, 103.4947 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(227, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 201, 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(227, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.6152, 65.3242, 103.4947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

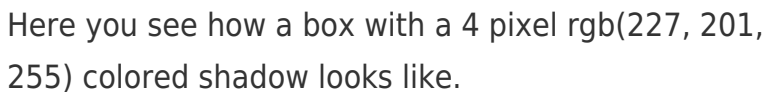
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 201, 255) }
```


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

```
.border{ border-color:rgb(227, 201, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6152, 65.3242, 103.4947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 201, 255) }
```

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

```
.background{ background-color: rgb(227,  
201, 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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