

Converting Colors

XYZ(73.5476, 65.9224,
103.4557)

Have a look what the booklet for
XYZ(73.5476, 65.9224, 103.4557)
contains.

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Color

**XYZ(73.5040, 65.7853,
103.4315)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC6FF
RGB	238, 198, 255
RGB Percent	93%, 78%, 100%
CMY	0.0667, 0.2235, 0.0000
CMYK	0.07, 0.22, 0.00, 0.00
HSL	282°, 100%, 89%
HSV	282°, 22%, 100%
XYZ	73.5040, 65.7853, 103.4315
YIQ	216.4580, 5.5430, 26.2070

Conversions

Conversions Part 2

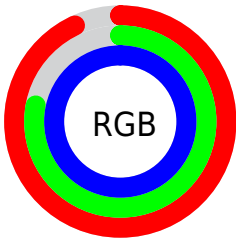
Format	Color
R_{YB}	238, 198, 255
Decimal	15648511
CIE _{Lab}	84.89, 24.09, -22.66
CIE _{LCh}	85, 33.073, 316.747
Yxy	65.7853, 0.3028, 0.2710
Android (android.graphics.Color)	4293838591 (0xFFEEC6FF)
YUV	216.4580, 19.0012, 18.8923
Hunter-Lab	81.1081, 19.8258, -18.8327

Details

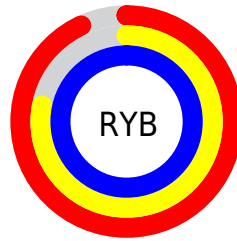
The XYZ color **73.5040, 65.7853, 103.4315** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.9789, 90.0450, 66.9105**, and the grayscale version is **65.4560, 68.8648, 74.9937**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4577, 33.9688, 57.9031** is the 20% darker color. If you saturate the color by 10%, you get **65.6596, 53.8065, 101.5328**, and if you desaturate by 10%, it is **82.4412, 79.7876, 105.6632**.

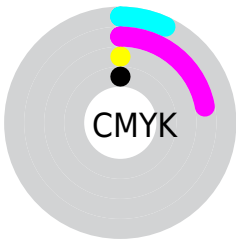
Distribution



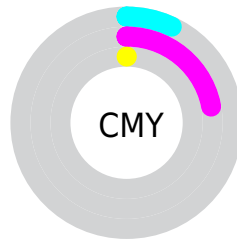
- Red (93%)
- Green (78%)
- Blue (100%)



- Red (93%)
- Yellow (78%)
- Blue (100%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5040, 65.7853, 103.4315 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 73.5040, 65.7853, 103.4315 by changing the saturation by 10% instead.

73.5040, 65.7853,
103.4315

73.5040, 65.7853,
103.4315

461.8365,
445.6086, 592.4796

54.6780, 48.0981,
78.5366

123.1917,
113.1781, 167.9578

39.3768, 33.9046,
57.9958

154.7842,
143.6526, 208.4262

27.2350, 22.8203,
41.3906

191.3628,
179.1582, 254.9230

17.8873, 14.4609,
28.3024

233.2930,
220.0795, 307.8665

10.9683, 8.4419,
18.3127

280.9401,
266.8008, 367.6754

6.1127, 4.3790,
11.0030

334.6695,

2.9550, 1.8877,

319.7065, 434.7682

5.9547

394.8465,
379.1810, 509.5634

■ 1.1300, 0.5410,
2.7492

■ 0.0500, 0.0000,
0.9680

■ 73.5040, 65.7853,
103.4315

■ 73.5040, 65.7853,
103.4315

■ 65.6596, 53.8065,
101.5328

■ 82.4412, 79.7876,
105.6632

■ 58.8519, 43.7440,
99.9493

■ 92.5126, 95.8970,
108.2418

■ 53.0282, 35.4933,
98.6637

95.0500, 100.0000,
108.9000

■ 48.1284, 28.9361,
97.6563

■ 44.0852, 23.9400,
96.9051

■ 40.8211, 20.3523,
96.3846

■ 38.2429, 17.9883,
96.0642

■ 36.6288, 16.7977,
95.9195

Harmonies

Analogous

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



66.7286, 65.7853, 118.3099



73.5040, 65.7853, 103.4315



77.4669, 65.7853, 81.4097

Triad

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



73.5040, 65.7853, 103.4315



65.8548, 65.7853, 38.7654



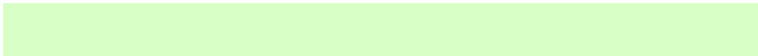
49.8364, 65.7853, 84.0592

Complementary

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



73.5040, 65.7853, 103.4315



73.9789, 90.0450, 66.9105

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.



49.6431, 65.7853, 62.6649



73.5040, 65.7853, 103.4315



58.5055, 65.7853, 39.1953

Square

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



73.5040, 65.7853, 103.4315



72.8208, 65.7853, 45.8013



52.7011, 65.7853, 47.1216



53.2520, 65.7853, 105.6989

Rectangle

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



73.5040, 65.7853, 103.4315



77.7916, 65.7853, 66.9349



52.7011, 65.7853, 47.1216



49.4024, 65.7853, 76.5376

Sweetspot

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



73.5059, 65.7880, 103.4319



87.6861, 88.1395, 106.9988



65.6669, 67.8801, 104.2489



18.6383, 18.6573, 22.8688



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.



73.5059, 65.7880, 103.4319



69.7256, 59.9725, 102.5087



77.7039, 68.1580, 94.3310



18.2342, 18.0125, 22.7657



19.2969, 8.8584, 50.1274



1.9890, 0.9193, 4.8859

Inverse Universe

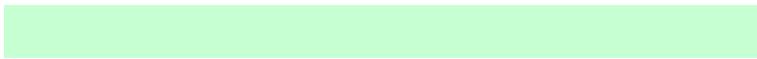
The Inverse Universe completely reimagines the original color for something new.



73.7014, 66.5570, 73.2543



70.0543, 60.9306, 66.8974



70.6088, 88.1500, 73.8774



18.2323, 18.0762, 19.8403



22.2882, 11.4046, 4.9024



2.2158, 1.1287, 0.7177

Previews

White Background



This preview shows how the XYZ color 73.5040, 65.7853, 103.4315 looks on a white background.

Color Contrast Check

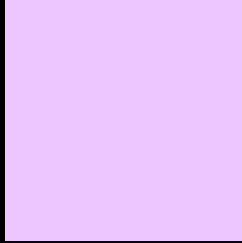
Large Text (above 18pt) WCAG AA × Fail

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 73.5040, 65.7853, 103.4315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

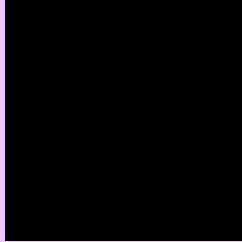
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5040, 65.7853, 103.4315

Background



This preview shows how black text looks on a background with the XYZ color 73.5040, 65.7853, 103.4315.



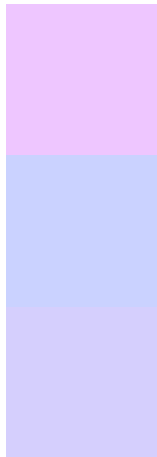
This preview shows how white text looks on a background with the XYZ color 73.5040, 65.7853,

103.4315.

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

73.5040, 65.7853, 103.4315

Protanopia

65.4537, 65.8697, 103.8721

Deuteranopia

67.4830, 65.8636, 102.0847



Tritanopia

68.1154, 65.6767, 76.7969

Trichromacy



Original Color

73.5040, 65.7853, 103.4315

Protanomaly

68.1456, 65.8097, 103.7186

Deuteranomaly

69.6065, 65.8711, 102.8117

Tritanomaly

70.0895, 65.7864, 86.0947

Monochromacy



Original Color

73.5040, 65.7853, 103.4315

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.8239, 67.1614, 84.2517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5040, 65.7853, 103.4315 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(238, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 198, 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(238, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.5040, 65.7853, 103.4315 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(238, 198, 255) }
```


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

```
.border{ border-color:rgb(238, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5040, 65.7853, 103.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 198, 255) }
```

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

```
.background{ background-color: rgb(238,  
198, 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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