

Converting Colors

XYZ(65.1402, 53.0722,
101.4184)

Have a look what the booklet for
XYZ(65.1402, 53.0722, 101.4184)
contains.

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Color

**XYZ(65.2460, 53.1688,
101.4315)**

Conversions

Conversions Part 1

Format	Color
Hex	E6ABFF
RGB	230, 171, 255
RGB Percent	90%, 67%, 100%
CMY	0.0980, 0.3294, 0.0000
CMYK	0.10, 0.33, 0.00, 0.00
HSL	282°, 100%, 84%
HSV	282°, 33%, 100%
XYZ	65.2460, 53.1688, 101.4315
YIQ	198.2170, 8.2000, 38.6320

Conversions

Conversions Part 2

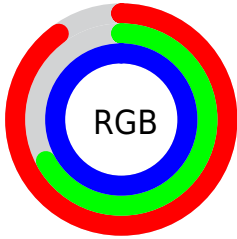
Format	Color
R_{YB}	230, 171, 255
Decimal	15117311
CIE _{Lab}	77.97, 36.01, -33.30
CIE _{LCh}	78, 49.049, 317.234
Yxy	53.1688, 0.2968, 0.2418
Android (android.graphics.Color)	4293307391 (0xFFE6ABFF)
YUV	198.2170, 27.9940, 27.8737
Hunter-Lab	72.9169, 32.1170, -31.4338

Details

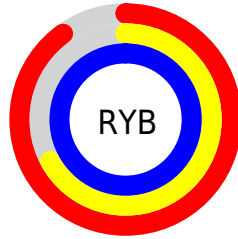
The XYZ color **65.2460, 53.1688, 101.4315** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.8768, 86.1966, 51.6960**, and the grayscale version is **53.6415, 56.4350, 61.4577**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **33.9051, 25.9183, 56.6418** is the 20% darker color. If you saturate the color by 10%, you get **58.5036, 43.2203, 99.8666**, and if you desaturate by 10%, it is **73.0268, 65.0345, 103.3117**.

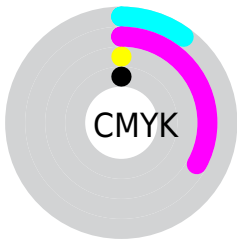
Distribution



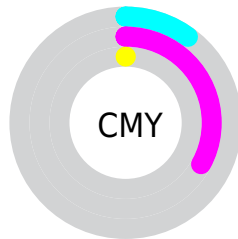
- Red (90%)
- Green (67%)
- Blue (100%)



- Red (90%)
- Yellow (67%)
- Blue (100%)



- Cyan (10%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2460, 53.1688, 101.4315 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 65.2460, 53.1688, 101.4315 by changing the saturation by 10% instead.

65.2460, 53.1688,
101.4315

65.2460, 53.1688,
101.4315

433.2067,
398.9324, 586.0583

47.9260, 37.9375,
76.8730

111.4672, 94.8527,
165.1920

33.9793, 25.9342,
56.6377

141.0991,
122.0741, 205.2311

23.0405, 16.7744,
40.3071

175.5657,
154.0611, 251.2676

14.7443, 10.0738,
27.4624

215.2324,
191.1980, 303.7199

8.7253, 5.4479,
17.6853

260.4645,
233.8691, 363.0066

4.6181, 2.5124,
10.5572

311.6273,

2.0574, 0.8828,

282.4590, 429.5462

5.6595

369.0863,
337.3520, 503.7572

■ 0.6659, 0.0000,
2.5738

■ 0.0000, 0.0000,
0.8789

■ 65.2460, 53.1688,
101.4315

■ 65.2460, 53.1688,
101.4315

■ 58.5036, 43.2203,
99.8666

■ 73.0268, 65.0345,
103.3117

■ 52.7397, 35.0745,
98.5981

■ 81.8917, 78.9101,
105.5227

■ 47.8955, 28.6147,
97.6066

■ 91.8895, 94.8901,
108.0803

■ 43.9033, 23.7075,
96.8698

95.0500, 100.0000,
108.9000

■ 40.6849, 20.1985,
96.3621

■ 38.1457, 17.9009,
96.0525

■ 36.6656, 16.8167,
95.9212

Harmonies

Analogous

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



56.1718, 53.1688, 124.0247



65.2460, 53.1688, 101.4315



70.6370, 53.1688, 70.3038

Triad

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



65.2460, 53.1688, 101.4315



54.7014, 53.1688, 20.2648



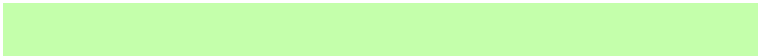
34.9514, 53.1688, 74.9075

Complementary

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



65.2460, 53.1688, 101.4315



65.8768, 86.1966, 51.6960

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.



34.6625, 53.1688, 47.0340



65.2460, 53.1688, 101.4315



45.2892, 53.1688, 20.7963

Square

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



65.2460, 53.1688, 101.4315



64.0534, 53.1688, 27.2368



38.2208, 53.1688, 29.0279



39.0671, 53.1688, 105.7025

Rectangle

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



65.2460, 53.1688, 101.4315



71.0223, 53.1688, 51.5205



38.2208, 53.1688, 29.0279



34.4237, 53.1688, 64.7678

Sweetspot

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



65.2476, 53.1710, 101.4318



84.7107, 83.3847, 106.2379



54.6315, 55.4502, 102.4313



17.8404, 17.3849, 22.6653



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.



65.2476, 53.1710, 101.4318



60.3816, 45.9528, 100.2951



71.2660, 56.5725, 88.2073



18.2354, 18.0131, 22.7657



19.3160, 8.8682, 50.1283



1.9907, 0.9202, 4.8860

Inverse Universe

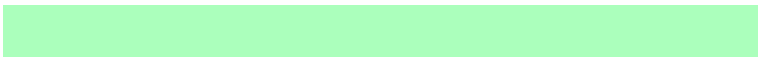
The Inverse Universe completely reimagines the original color for something new.



65.7680, 54.3733, 59.2550



61.2156, 47.4762, 50.9319



61.6116, 83.8009, 60.3941



18.2318, 18.0760, 19.8378



22.2853, 11.4034, 4.8867



2.2154, 1.1285, 0.7159

Previews

White Background



This preview shows how the XYZ color 65.2460, 53.1688, 101.4315 looks on a white background.

Color Contrast Check

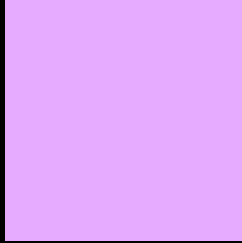
Large Text (above 18pt) WCAG AA × Fail

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 65.2460, 53.1688, 101.4315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

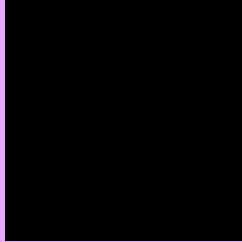
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2460, 53.1688, 101.4315

Background



This preview shows how black text looks on a background with the XYZ color 65.2460, 53.1688, 101.4315.



This preview shows how white text looks on a background with the XYZ color 65.2460, 53.1688,

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

65.2460, 53.1688, 101.4315

Protanopia

54.3600, 53.5956, 102.0876

Deuteranopia

54.6484, 53.4952, 98.7121



Tritanopia

56.8303, 53.2703, 60.1102

Trichromacy



Original Color

65.2460, 53.1688, 101.4315



Protanomaly

57.6962, 53.1031, 101.8167



Deuteranomaly

57.7929, 52.9010, 99.2604

Tritanomaly

59.5155, 53.1494, 73.4517

Monochromacy



Original Color

65.2460, 53.1688, 101.4315



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.3477, 54.7826, 74.5694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2460, 53.1688, 101.4315 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(230, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 171, 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(230, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 171, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.2460, 53.1688, 101.4315 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(230, 171, 255) }
```


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

```
.border{ border-color:rgb(230, 171, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 171, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 171,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2460, 53.1688, 101.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 171, 255) }
```

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

```
.background{ background-color: rgb(230,  
171, 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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