

Converting Colors

XYZ(60.9149, 53.0996,
101.6464)

Have a look what the booklet for
XYZ(60.9149, 53.0996, 101.6464)
contains.

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Color

**XYZ(61.0341, 53.3091,
101.6806)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B3FF
RGB	211, 179, 255
RGB Percent	83%, 70%, 100%
CMY	0.1725, 0.2980, 0.0000
CMYK	0.17, 0.30, 0.00, 0.00
HSL	265°, 100%, 85%
HSV	265°, 30%, 100%
XYZ	61.0341, 53.3091, 101.6806
YIQ	197.2320, -5.3240, 30.4200

Conversions

Conversions Part 2

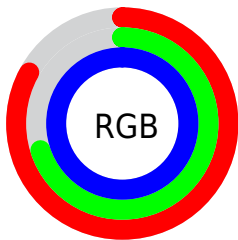
Format	Color
RYB	211, 179, 255
Decimal	13874175
CIELab	78.06, 25.95, -33.32
CIELCh	78, 42.234, 307.910
Yxy	53.3091, 0.2825, 0.2468
Android (android.graphics.Color)	4292064255 (0xFFD3B3FF)
YUV	197.2320, 28.4796, 12.0745
Hunter-Lab	73.0131, 21.4413, -31.4602

Details

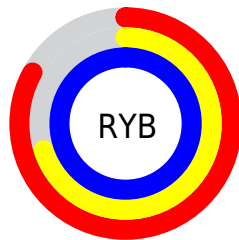
The XYZ color **61.0341, 53.3091, 101.6806** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **74.3291, 90.4631, 56.1937**, and the grayscale version is **53.0481, 55.8108, 60.7779**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **31.1715, 25.9675, 56.7954** is the 20% darker color. If you saturate the color by 10%, you get **52.3513, 41.9358, 99.9430**, and if you desaturate by 10%, it is **71.0536, 66.7768, 103.7520**.

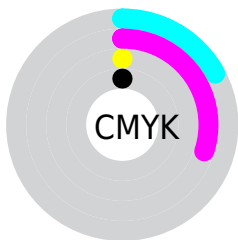
Distribution



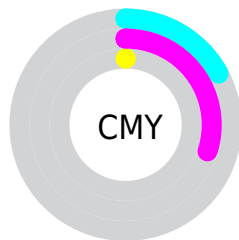
- Red (83%)
- Green (70%)
- Blue (100%)



- Red (83%)
- Yellow (70%)
- Blue (100%)



- Cyan (17%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0341, 53.3091, 101.6806 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 61.0341, 53.3091, 101.6806 by changing the saturation by 10% instead.

61.0341, 53.3091,
101.6806

61.0341, 53.3091,
101.6806

418.1729,
399.4699, 586.8601

44.5053, 38.0496,
77.0801

105.4261, 95.0591,
165.5368

31.2676, 26.0212,
56.8067

134.0201,
122.3183, 205.6296

20.9555, 16.8395,
40.4417

167.3666,
154.3462, 251.7235

13.2038, 10.1201,
27.5667

205.8308,
191.5272, 304.2372

7.6470, 5.4787,
17.7631

249.7782,
234.2456, 363.5892

3.9198, 2.5308,
10.6124

299.5741,

1.6569, 0.8920,

282.8860, 430.1980

5.6960

355.5839,
337.8326, 504.4821

■ 0.4290, 0.0000,
2.5953

■ 0.0000, 0.0000,
0.8900

■ 61.0341, 53.3091,
101.6806

■ 61.0341, 53.3091,
101.6806

■ 52.3513, 41.9358,
99.9430

■ 71.0536, 66.7768,
103.7520

■ 44.9377, 32.5409,
98.5203

■ 82.4630, 82.4340,
106.1728

■ 38.7269, 25.0065,
97.3933

95.0500, 100.0000,
108.9000

■ 33.6438, 19.1990,
96.5403

■ 29.6032, 14.9662,
95.9362

■ 26.5057, 12.1276,
95.5516

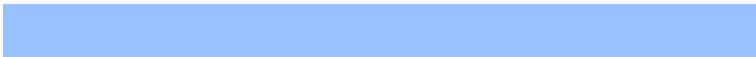
■ 24.1986, 10.3979,
95.3393

■ 24.1579, 10.3687,
95.3358

Harmonies

Analogous

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



52.8792, 53.3091, 115.5468



61.0341, 53.3091, 101.6806



66.8032, 53.3091, 76.8241

Triad

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



61.0341, 53.3091, 101.6806



56.8600, 53.3091, 25.3480



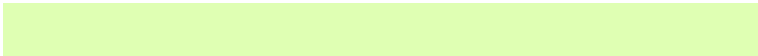
36.5470, 53.3091, 64.5118

Complementary

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



61.0341, 53.3091, 101.6806



74.3291, 90.4631, 56.1937

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.



37.3668, 53.3091, 42.6057



61.0341, 53.3091, 101.6806



48.5207, 53.3091, 23.7165

Square

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



61.0341, 53.3091, 101.6806



64.2172, 53.3091, 34.4013



41.5488, 53.3091, 29.1126



39.1739, 53.3091, 90.6053

Rectangle

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



61.0341, 53.3091, 101.6806



68.1978, 53.3091, 59.7143



41.5488, 53.3091, 29.1126



36.4344, 53.3091, 56.4062

Sweetspot

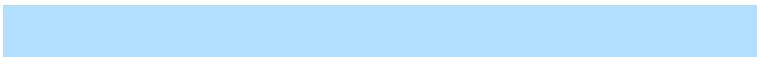
The Sweet Spot groups the original color and five complimentary colors.



61.0357, 53.3112, 101.6809



83.4403, 83.7879, 106.3827



63.1187, 69.7588, 104.7458



17.4818, 17.4108, 22.6892



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.



61.0357, 53.3112, 101.6809



55.5000, 46.0215, 100.5656



73.1193, 59.5405, 102.2464



17.7279, 17.7514, 22.7420



12.7844, 5.5011, 49.8226



1.3661, 0.5982, 4.8567

Inverse Universe

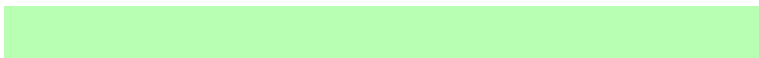
The Inverse Universe completely reimagines the original color for something new.



70.6805, 58.8297, 77.4432



66.8124, 52.5013, 71.8137



63.9862, 85.1311, 55.7097



18.4503, 18.1634, 20.9886



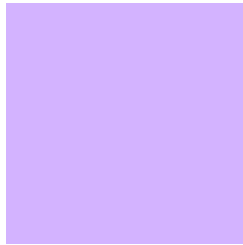
24.4028, 12.2504, 16.0376



2.4306, 1.2146, 1.8490

Previews

White Background



This preview shows how the XYZ color 61.0341, 53.3091, 101.6806 looks on a white background.

Color Contrast Check

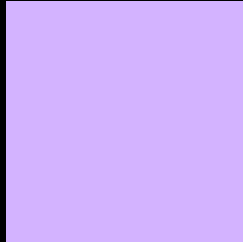
Large Text (above 18pt) WCAG AA × Fail

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 61.0341, 53.3091, 101.6806 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 61.0341, 53.3091, 101.6806

Background



This preview shows how black text looks on a background with the XYZ color 61.0341, 53.3091, 101.6806.



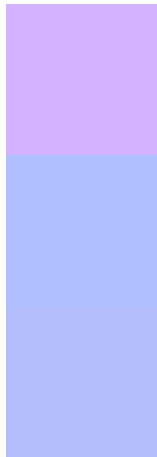
This preview shows how white text looks on a background with the XYZ color 61.0341, 53.3091,

101.6806.

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

61.0341, 53.3091, 101.6806

Protanopia

54.3600, 53.5956, 102.0876

Deuteranopia

54.9655, 53.6221, 100.3816



Tritanopia

53.4538, 53.3114, 64.5995

Trichromacy



Original Color

61.0341, 53.3091, 101.6806

Protanomaly

56.5594, 53.4520, 101.9440

Deuteranomaly

56.9342, 53.3499, 101.0627

Tritanomaly

55.8451, 53.0048, 77.0996

Monochromacy



Original Color

61.0341, 53.3091, 101.6806

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.4255, 54.4454, 73.9174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0341, 53.3091, 101.6806 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(211, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 179, 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(211, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 179, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.0341, 53.3091, 101.6806 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(211, 179, 255) }
```


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

```
.border{ border-color:rgb(211, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 179,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0341, 53.3091, 101.6806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 179, 255) }
```

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

```
.background{ background-color: rgb(211,  
179, 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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