

Converting Colors

XYZ(61.8092, 52.4837,
101.4804)

Have a look what the booklet for
XYZ(61.8092, 52.4837, 101.4804)
contains.

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Color

**XYZ(61.6989, 52.4789,
101.4853)**

Conversions

Conversions Part 1

Format	Color
Hex	D8AFFF
RGB	216, 175, 255
RGB Percent	85%, 69%, 100%
CMY	0.1529, 0.3137, 0.0000
CMYK	0.15, 0.31, 0.00, 0.00
HSL	271°, 100%, 84%
HSV	271°, 31%, 100%
XYZ	61.6989, 52.4789, 101.4853
YIQ	196.3790, -1.2440, 33.5720

Conversions

Conversions Part 2

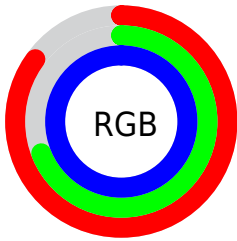
Format	Color
R _Y B	216, 175, 255
Decimal	14200831
CIE Lab	77.57, 29.63, -34.04
CIE LCh	78, 45.128, 311.031
Yxy	52.4789, 0.2861, 0.2433
Android (android.graphics.Color)	4292390911 (0xFFD8AFFF)
YUV	196.3790, 28.9002, 17.2076
Hunter-Lab	72.4423, 25.2538, -32.3504

Details

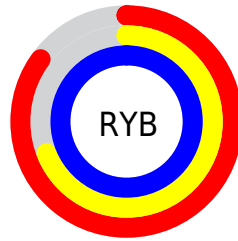
The XYZ color **61.6989, 52.4789, 101.4853** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **71.2304, 88.9118, 53.9672**, and the grayscale version is **52.5307, 55.2664, 60.1851**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **31.6498, 25.4699, 56.6741** is the 20% darker color. If you saturate the color by 10%, you get **53.6619, 41.6518, 99.8190**, and if you desaturate by 10%, it is **70.9540, 65.3276, 103.4776**.

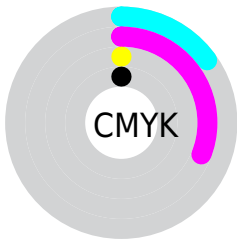
Distribution



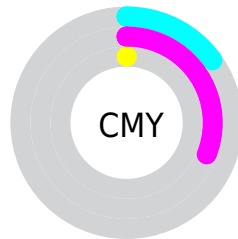
- Red (85%)
- Green (69%)
- Blue (100%)



- Red (85%)
- Yellow (69%)
- Blue (100%)



- Cyan (15%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6989, 52.4789, 101.4853 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 61.6989, 52.4789, 101.4853 by changing the saturation by 10% instead.


 61.6989, 52.4789,
101.4853

 61.6989, 52.4789,
101.4853


420.5670,
396.2827, 586.2316

 45.0441, 37.3869,
76.9178


 106.3826, 93.8371,
165.2665

 31.6936, 25.5072,
56.6742


135.1423,
120.8722, 205.3172

 21.2820, 16.4554,
40.3361


168.6677,
152.6571, 251.3661

 13.4439, 9.8469,
27.4849

207.3240,
189.5762, 303.8316

 7.8140, 5.2976,
17.7021

251.4768,
232.0139, 363.1324

 4.0270, 2.4229,
10.5691

301.4913,

 1.7174, 0.8376,

280.3546, 429.6870

5.6674

357.7329,
334.9827, 503.9138

■ 0.4671, 0.0000,
2.5784

■ 0.0000, 0.0000,
0.8813

■ 61.6989, 52.4789,
101.4853

■ 61.6989, 52.4789,
101.4853

■ 53.6619, 41.6518,
99.8190

■ 70.9540, 65.3276,
103.4776

■ 46.7793, 32.7310,
98.4599

■ 81.4771, 80.2921,
105.8114

■ 40.9883, 25.5991,
97.3886

■ 93.3208, 97.4682,
108.5025

■ 36.2170, 20.1227,
96.5830

■ 95.0500, 100.0000,
108.9000

■ 32.3841, 16.1486,
96.0179

■ 29.3923, 13.4932,
95.6630

■ 27.3619, 12.0205,
95.4858

Harmonies

Analogous

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



53.1526, 52.4789, 118.3150



61.6989, 52.4789, 101.4853



67.4493, 52.4789, 74.1884

Triad

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



61.6989, 52.4789, 101.4853



55.5227, 52.4789, 22.7301



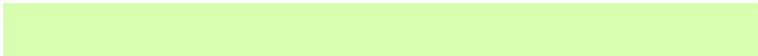
35.1838, 52.4789, 66.8163

Complementary

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



61.6989, 52.4789, 101.4853



71.2304, 88.9118, 53.9672

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.



35.6613, 52.4789, 42.9275



61.6989, 52.4789, 101.4853



46.7438, 52.4789, 21.8135

Square

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



61.6989, 52.4789, 101.4853



63.6068, 52.4789, 31.0874



39.6752, 52.4789, 28.0631



38.2848, 52.4789, 94.7561

Rectangle

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



61.6989, 52.4789, 101.4853



68.5639, 52.4789, 56.2818



39.6752, 52.4789, 28.0631



34.9413, 52.4789, 58.0081

Sweetspot

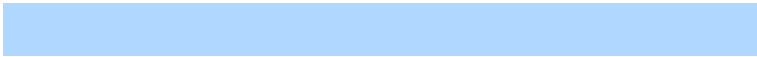
The Sweet Spot groups the original color and five complimentary colors.



61.7005, 52.4810, 101.4856



84.1637, 84.1609, 106.4165



60.0312, 64.9365, 103.9778



17.6597, 17.5025, 22.6975



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.



61.7005, 52.4810, 101.4856



56.2394, 45.0832, 100.3455



74.6208, 59.1417, 102.0903



17.8908, 17.8354, 22.7496



14.4703, 6.3702, 49.9015



1.5351, 0.6853, 4.8646

Inverse Universe

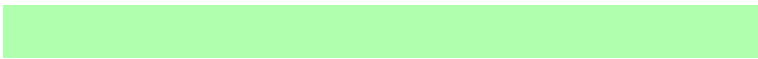
The Inverse Universe completely reimagines the original color for something new.



68.7087, 56.7768, 70.9573



64.5443, 50.1720, 64.2543



61.1785, 83.7298, 53.4968



18.3784, 18.1347, 20.6098



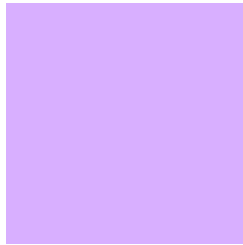
23.5349, 11.9033, 11.4674



2.3465, 1.1810, 1.4060

Previews

White Background



This preview shows how the XYZ color 61.6989, 52.4789, 101.4853 looks on a white background.

Color Contrast Check

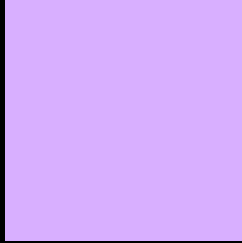
Large Text (above 18pt) WCAG AA × Fail

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 61.6989, 52.4789, 101.4853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

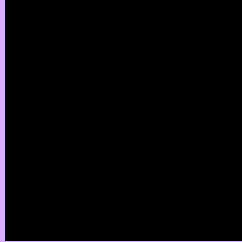
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6989, 52.4789, 101.4853

Background



This preview shows how black text looks on a background with the XYZ color 61.6989, 52.4789, 101.4853.



This preview shows how white text looks on a background with the XYZ color 61.6989, 52.4789,

101.4853.

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

61.6989, 52.4789, 101.4853

Protanopia

53.6970, 52.9311, 101.9943

Deuteranopia

54.1284, 52.8884, 99.4511



Tritanopia

53.7164, 52.5533, 61.9562

Trichromacy



Original Color

61.6989, 52.4789, 101.4853

Protanomaly

56.3852, 52.7367, 101.8151

Deuteranomaly

56.6083, 52.5793, 100.0937

Tritanomaly

56.2246, 52.3248, 74.8465

Monochromacy



Original Color

61.6989, 52.4789, 101.4853

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

55.1362, 53.6727, 73.0995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6989, 52.4789, 101.4853 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(216, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 175, 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(216, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 175, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.6989, 52.4789, 101.4853 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(216, 175, 255) }
```


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

```
.border{ border-color:rgb(216, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 175,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6989, 52.4789, 101.4853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 175, 255) }
```

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

```
.background{ background-color: rgb(216,  
175, 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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