

Converting Colors

XYZ(61.6407, 52.1796,
100.5888)

Have a look what the booklet for
XYZ(61.6407, 52.1796, 100.5888)
contains.

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Color

**XYZ(61.6407, 52.1796,
100.5888)**

Conversions

Conversions Part 1	
Format	Color
Hex	D9AEFE
RGB	217, 174, 254
RGB Percent	85%, 68%, 100%
CMY	0.1490, 0.3176, 0.0039
CMYK	0.15, 0.31, 0.00, 0.00
HSL	272°, 98%, 84%
HSV	272°, 31%, 100%
XYZ	61.6407, 52.1796, 100.5888
YIQ	195.9770, -0.0520, 33.9960

Conversions

Conversions Part 2

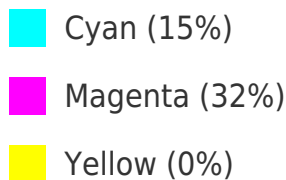
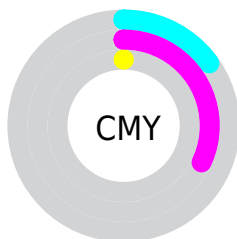
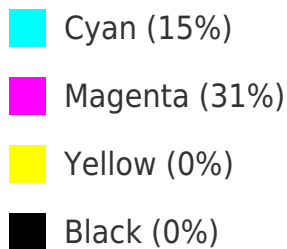
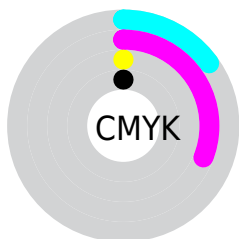
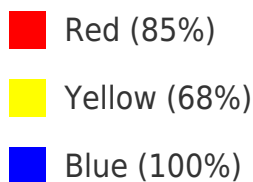
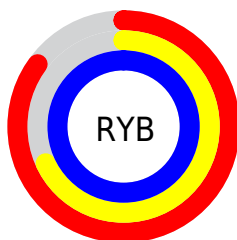
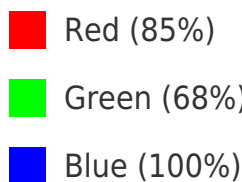
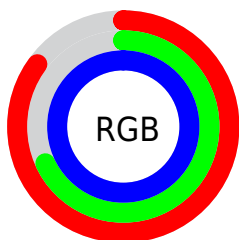
Format	Color
RYB	217, 174, 254
Decimal	14266110
CIELab	77.39, 30.26, -33.77
CIELCh	77, 45.345, 311.857
Yxy	52.1796, 0.2875, 0.2434
Android (android.graphics.Color)	4292456190 (0xFFD9AEFE)
YUV	195.9770, 28.6053, 18.4372
Hunter-Lab	72.2354, 25.9074, -31.9973

Details

The XYZ color **61.6407, 52.1796, 100.5888** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **69.9475, 87.7898, 53.3053**, and the grayscale version is **52.2911, 55.0143, 59.9106**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **31.6134, 25.2830, 56.0372** is the 20% darker color. If you saturate the color by 10%, you get **53.8217, 41.5411, 98.9483**, and if you desaturate by 10%, it is **70.6396, 64.8061, 102.5525**.

Distribution



Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6407, 52.1796, 100.5888 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 61.6407, 52.1796, 100.5888 by changing the saturation by 10% instead.


 61.6407, 52.1796,
100.5888

 61.6407, 52.1796,
100.5888


420.3577,
395.1296, 583.3416

 44.9969, 37.1483,
76.1727


 106.2989, 93.3961,
164.0250

 31.6563, 25.3223,
56.0667


135.0441,
120.3500, 203.8823

 21.2534, 16.3173,
39.8520


168.5539,
152.0468, 249.7236

 13.4229, 9.7490,
27.1103

207.1935,
188.8711, 301.9677

 7.7994, 5.2328,
17.4229

251.3283,
231.2071, 361.0330

 4.0176, 2.3845,
10.3713


301.3237,


 1.7121, 0.8179,

279.4392, 427.3380


5.5370


357.5451,
333.9519, 501.3014


 0.4638, 0.0000,
2.5015


 0.0000, 0.0000,
0.8409

 61.6407, 52.1796,
100.5888


 61.6407, 52.1796,
100.5888


 53.8217, 41.5411,
98.9483


 70.6396, 64.8061,
102.5525

 47.1197, 32.7767,
97.6098

 80.8664, 79.5132,
104.8523

 41.4735, 25.7704,
96.5551

 92.3727, 96.3957,
107.5045

 36.8132, 20.3903,
95.7622

94.8896, 99.9358,
108.0551

■ 33.0587, 16.4851,
95.2063

■ 30.1150, 13.8730,
94.8573

■ 28.1282, 12.4341,
94.6843

Harmonies

Analogous

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



53.1194, 52.1796, 117.9273



61.6407, 52.1796, 100.5888



67.2880, 52.1796, 73.1101

Triad

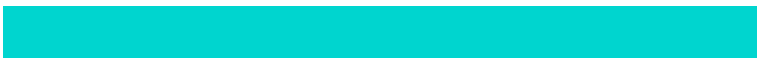
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.6407, 52.1796, 100.5888



54.9992, 52.1796, 22.3189



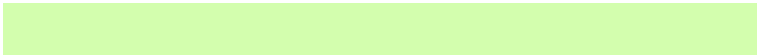
34.9343, 52.1796, 67.2595

Complementary

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



61.6407, 52.1796, 100.5888



69.9475, 87.7898, 53.3053

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.



35.3122, 52.1796, 43.1407



61.6407, 52.1796, 100.5888



46.2304, 52.1796, 21.5963

Square

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



61.6407, 52.1796, 100.5888



63.1550, 52.1796, 30.4270



39.2309, 52.1796, 28.0383



38.1300, 52.1796, 95.2404

Rectangle

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



61.6407, 52.1796, 100.5888



68.3035, 52.1796, 55.2730



39.2309, 52.1796, 28.0383



34.6589, 52.1796, 58.3848

Sweetspot

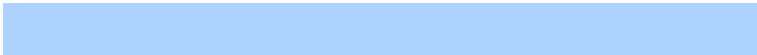
The Sweet Spot groups the original color and five complimentary colors.



61.6424, 52.1818, 100.5900



84.3628, 84.2635, 106.4258



58.7240, 62.9108, 102.8147



17.7087, 17.5278, 22.6998



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.



61.6424, 52.1818, 100.5900



56.9245, 45.4364, 100.3776



73.4757, 58.3311, 98.9299



17.9356, 17.8586, 22.7517



15.0016, 6.6441, 49.9264



1.5868, 0.7119, 4.8671

Inverse Universe

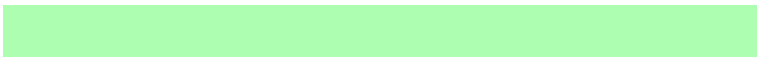
The Inverse Universe completely reimagines the original color for something new.



67.7687, 56.0482, 68.8768



64.2535, 50.0557, 62.7231



60.8018, 83.0447, 54.2480



18.3589, 18.1269, 20.5071



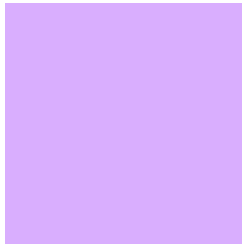
23.3291, 11.8209, 10.3835



2.3259, 1.1728, 1.2978

Previews

White Background



This preview shows how the XYZ color 61.6407, 52.1796, 100.5888 looks on a white background.

Color Contrast Check

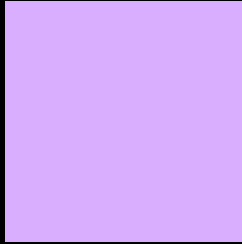
Large Text (above 18pt) WCAG AA × Fail

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 61.6407, 52.1796, 100.5888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

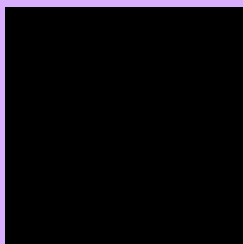
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6407, 52.1796, 100.5888

Background



This preview shows how black text looks on a background with the XYZ color 61.6407, 52.1796, 100.5888.

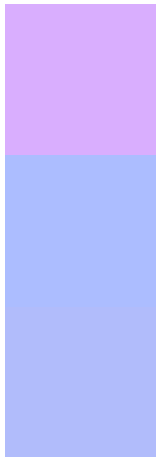


This preview shows how white text looks on a background with the XYZ color 61.6407, 52.1796,

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

61.6407, 52.1796, 100.5888

Protanopia

53.2609, 52.3858, 101.9121

Deuteranopia

53.5273, 52.2786, 98.5364



Tritanopia

53.6702, 52.2313, 61.2858

Trichromacy



Original Color
61.6407, 52.1796, 100.5888



Protanomaly
55.9295, 52.1923, 101.7341



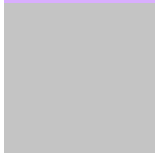
Deuteranomaly
56.2424, 52.1017, 99.1878

Tritanomaly
56.1740, 52.0111, 74.0963

Monochromacy



Original Color
61.6407, 52.1796, 100.5888



Achromatopsia
52.4687, 55.2011, 60.1140



Achromatomaly
55.4094, 53.8136, 73.1123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6407, 52.1796, 100.5888 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(217, 174, 254) looks like.

```
.text, #text, p{  
    color:rgb(217, 174, 254)  
}
```


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(217, 174, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 174, 254) }
```

Border

The CSS property to change the border of an element to XYZ 61.6407, 52.1796, 100.5888 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(217, 174, 254) }
```


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

```
.border{ border-color:rgb(217, 174, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 174, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 174, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 174, 254);  
box-shadow:4px 4px 4px 4px rgb(217, 174,  
254) }
```


Background

The CSS property to change the background color of an element to XYZ 61.6407, 52.1796, 100.5888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 174, 254) }
```

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

```
.background{ background-color: rgb(217,  
174, 254) }
```

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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