

Converting Colors

XYZ(72.1838, 55.0276,
140.0487)

Have a look what the booklet for
XYZ(72.1838, 55.0276, 140.0487)
contains.

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Color

**XYZ(64.6858, 52.0483,
101.2447)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E6A8FF |
| RGB | 230, 168, 255 |
| RGB Percent | 90%, 66%, 100% |
| CMY | 0.0980, 0.3412, 0.0000 |
| CMYK | 0.10, 0.34, 0.00, 0.00 |
| HSL | 283°, 100%, 83% |
| HSV | 283°, 34%, 100% |
| XYZ | 64.6858, 52.0483, 101.2447 |
| YIQ | 196.4560, 9.0250, 40.2010 |

Conversions

Conversions Part 2

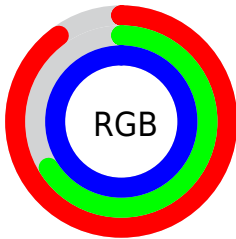
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 230, 168, 255 |
| Decimal | 15116543 |
| CIE Lab | 77.31, 37.61, -34.33 |
| CIE LCh | 77, 50.921, 317.608 |
| Yxy | 52.0483, 0.2968, 0.2388 |
| Android (android.graphics.Color) | 4293306623 (0xFFE6A8FF) |
| YUV | 196.4560, 28.8622, 29.4181 |
| Hunter-Lab | 72.1445, 33.7928, -32.7040 |

Details

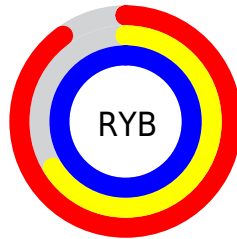
The XYZ color **64.6858, 52.0483, 101.2447** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **64.8213, 85.6851, 50.1706**, and the grayscale version is **52.5728, 55.3107, 60.2333**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **33.5574, 25.2229, 56.5259** is the 20% darker color. If you saturate the color by 10%, you get **58.1297, 42.3530, 99.7189**, and if you desaturate by 10%, it is **72.2670, 63.6449, 103.0835**.

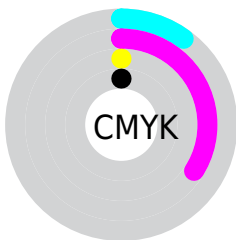
Distribution



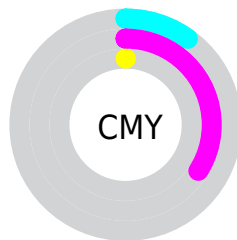
- Red (90%)
- Green (66%)
- Blue (100%)



- Red (90%)
- Yellow (66%)
- Blue (100%)



- Cyan (10%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)




- Cyan (10%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.6858, 52.0483, 101.2447 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 64.6858, 52.0483, 101.2447 by changing the saturation by 10% instead.


 64.6858, 52.0483,
101.2447


 64.6858, 52.0483,
101.2447


431.2251,
394.6230, 585.4567

 47.4701, 37.0436,
76.7178

 110.6662, 93.2025,
164.9334

 33.6169, 25.2412,
56.5111


 140.1617,
120.1207, 204.9323

 22.7610, 16.2569,
40.2061


174.4811,
151.7789, 250.9255

 14.5368, 9.7061,
27.3843

213.9898,
188.5614, 303.3317

 8.5792, 5.2045,
17.6270

259.0533,
230.8527, 362.5694

 4.5226, 2.3678,
10.5159

310.0367,

 2.0018, 0.8092,

279.0372, 429.0571

5.6323

367.3055,
333.4991, 503.2133

■ 0.6350, 0.0000,
2.5577

■ 0.0000, 0.0000,
0.8705

■ 64.6858, 52.0483,
101.2447

■ 64.6858, 52.0483,
101.2447

■ 58.1297, 42.3530,
99.7189

■ 72.2670, 63.6449,
103.0835

■ 52.5384, 34.4435,
98.4869

■ 80.9194, 77.2364,
105.2510

■ 47.8525, 28.2016,
97.5291

■ 90.6920, 92.9182,
107.7628

■ 44.0034, 23.4920,
96.8229

■ 95.0500, 100.0000,
108.9000

■ 40.9116, 20.1574,
96.3422

■ 38.4799, 18.0057,
96.0551

■ 37.2769, 17.1318,
95.9498

Harmonies

Analogous

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



55.3750, 52.0483, 124.9934



64.6858, 52.0483, 101.2447



70.1855, 52.0483, 69.0216

Triad

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



64.6858, 52.0483, 101.2447



53.6130, 52.0483, 18.6865



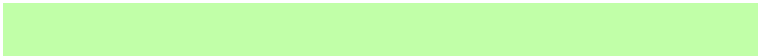
33.6351, 52.0483, 74.5592

Complementary

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



64.6858, 52.0483, 101.2447



64.8213, 85.6851, 50.1706

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.



33.2940, 52.0483, 45.8906



64.6858, 52.0483, 101.2447



44.0011, 52.0483, 19.2981

Square

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



64.6858, 52.0483, 101.2447



63.2504, 52.0483, 25.4948



36.8501, 52.0483, 27.5828



37.8529, 52.0483, 106.4302

Rectangle

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



64.6858, 52.0483, 101.2447



70.5298, 52.0483, 49.8412



36.8501, 52.0483, 27.5828



33.0853, 52.0483, 64.0995

Sweetspot

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



64.6874, 52.0504, 101.2451



84.8033, 83.4324, 106.2422



53.5143, 54.1750, 102.2441



17.8629, 17.3965, 22.6663



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.



64.6874, 52.0504, 101.2451



60.0665, 45.1774, 100.1620



70.6176, 55.4167, 87.5564



18.2542, 18.0228, 22.7666



19.6328, 9.0316, 50.1431



2.0196, 0.9351, 4.8873

Inverse Universe

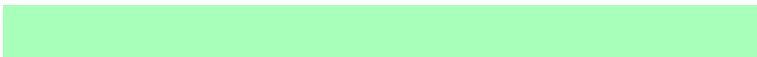
The Inverse Universe completely reimagines the original color for something new.



64.8695, 53.1175, 57.2873



60.5067, 46.5320, 49.2358



60.7092, 83.3652, 59.0142



18.2240, 18.0729, 19.7966



22.2373, 11.3842, 4.6341



2.2099, 1.1263, 0.6869

Previews

White Background



This preview shows how the XYZ color 64.6858, 52.0483, 101.2447 looks on a white background.

Color Contrast Check

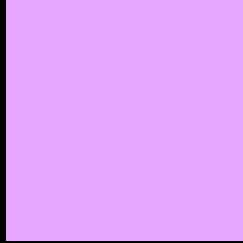
Large Text (above 18pt) WCAG AA × Fail

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 64.6858, 52.0483, 101.2447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

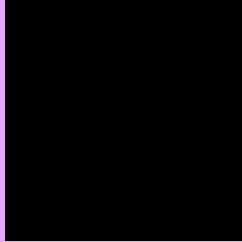
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6858, 52.0483, 101.2447

Background



This preview shows how black text looks on a background with the XYZ color 64.6858, 52.0483, 101.2447.



This preview shows how white text looks on a background with the XYZ color 64.6858, 52.0483,

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

64.6858, 52.0483, 101.2447

Protanopia

53.2609, 52.3858, 101.9121

Deuteranopia

53.5273, 52.2786, 98.5364



Tritanopia

55.8777, 51.9097, 58.1134

Trichromacy



Original Color

64.6858, 52.0483, 101.2447



Protanomaly

56.5662, 51.6052, 101.5872



Deuteranomaly

56.8595, 51.8118, 99.0993

Tritanomaly

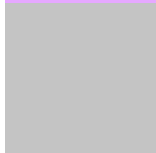
58.6605, 51.8558, 71.8832

Monochromacy



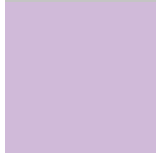
Original Color

64.6858, 52.0483, 101.2447



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

56.0957, 53.5375, 73.0228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6858, 52.0483, 101.2447 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, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 168, 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, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 168, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.6858, 52.0483, 101.2447 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, 168, 255) }
```


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

```
.border{ border-color:rgb(230, 168, 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, 168, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 168,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6858, 52.0483, 101.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 168, 255) }
```

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

```
.background{ background-color: rgb(230,  
168, 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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