

Converting Colors

XYZ(60.7473, 48.0601,
100.6825)

Have a look what the booklet for
XYZ(60.7473, 48.0601, 100.6825)
contains.

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Color

**XYZ(60.9191, 48.2393,
100.7081)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA1FF
RGB	222, 161, 255
RGB Percent	87%, 63%, 100%
CMY	0.1294, 0.3686, 0.0000
CMYK	0.13, 0.37, 0.00, 0.00
HSL	279°, 100%, 82%
HSV	279°, 37%, 100%
XYZ	60.9191, 48.2393, 100.7081
YIQ	189.9550, 6.1820, 42.1660

Conversions

Conversions Part 2

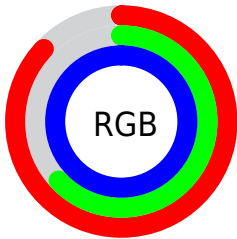
Format	Color
R _Y B	222, 161, 255
Decimal	14590463
CIE Lab	74.98, 38.96, -38.01
CIE LCh	75, 54.430, 315.708
Yxy	48.2393, 0.2903, 0.2299
Android (android.graphics.Color)	4292780543 (0xFFDEA1FF)
YUV	189.9550, 32.0672, 28.1035
Hunter-Lab	69.4545, 35.0183, -37.3515

Details

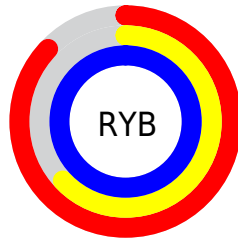
The XYZ color **60.9191, 48.2393, 100.7081** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **64.4420, 85.5629, 46.8391**, and the grayscale version is **48.7378, 51.2760, 55.8396**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **31.2815, 22.9093, 56.1993** is the 20% darker color. If you saturate the color by 10%, you get **54.2398, 38.8427, 99.2464**, and if you desaturate by 10%, it is **68.6556, 59.5320, 102.4800**.

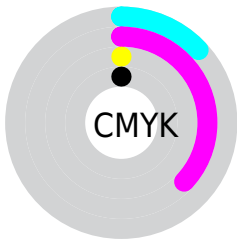
Distribution



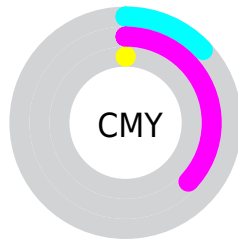
- Red (87%)
- Green (63%)
- Blue (100%)



- Red (87%)
- Yellow (63%)
- Blue (100%)



- Cyan (13%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9191, 48.2393, 100.7081 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 60.9191, 48.2393, 100.7081 by changing the saturation by 10% instead.


 60.9191, 48.2393,
100.7081


 60.9191, 48.2393,
100.7081


417.7580,
379.7399, 583.7266

 44.4122, 34.0164,
76.2719


 105.2606, 87.5606,
164.1903

 31.1940, 22.9062,
56.1475


 133.8258,
113.4278, 204.0733

 20.8991, 14.5243,
39.9164


167.1412,
143.9453, 249.9424

 13.1623, 8.4862,
27.1601

205.5721,
179.4973, 302.2159

 7.6182, 4.4076,
17.4600

249.4839,
220.4684, 361.3126

 3.9014, 1.9041,
10.3976

299.2419,

 1.6465, 0.5508,

267.2430, 427.6509

5.5543

355.2115,
320.2053, 501.6494

■ 0.4224, 0.0000,
2.5117

■ 0.0000, 0.0000,
0.8463

■ 60.9191, 48.2393,
100.7081

■ 60.9191, 48.2393,
100.7081

■ 54.2398, 38.8427,
99.2464

■ 68.6556, 59.5320,
102.4800

■ 48.5553, 31.2241,
98.0755

■ 77.4979, 72.8180,
104.5784

■ 43.8033, 25.2609,
97.1749

■ 87.4968, 88.1945,
107.0194

■ 39.9113, 20.8119,
96.5213

95.0500, 100.0000,
108.9000

■ 36.7949, 17.7116,
96.0871

■ 34.3474, 15.7506,
95.8376

■ 33.6674, 15.2710,
95.7809

Harmonies

Analogous

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



51.2158, 48.2393, 124.7036



60.9191, 48.2393, 100.7081



66.9519, 48.2393, 67.2120

Triad

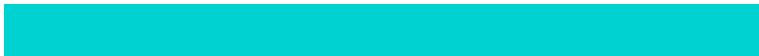
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.9191, 48.2393, 100.7081



50.7266, 48.2393, 15.3579



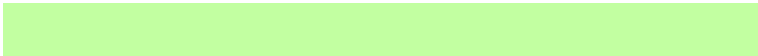
29.8170, 48.2393, 68.7626

Complementary

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



60.9191, 48.2393, 100.7081



64.4420, 85.5629, 46.8391

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.



29.7254, 48.2393, 40.1494



60.9191, 48.2393, 100.7081



40.8728, 48.2393, 15.5125

Square

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



60.9191, 48.2393, 100.7081



60.5167, 48.2393, 22.3019



33.4966, 48.2393, 22.8462



33.7680, 48.2393, 102.1903

Rectangle

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



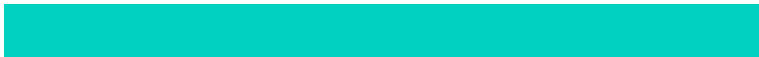
60.9191, 48.2393, 100.7081



67.5926, 48.2393, 47.2714



33.4966, 48.2393, 22.8462



29.3552, 48.2393, 58.1528

Sweetspot

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



60.9206, 48.2413, 100.7084



83.2150, 81.5708, 105.9666



52.3693, 54.0384, 102.2780



17.5207, 17.0122, 22.6102



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.



60.9206, 48.2413, 100.7084



56.0468, 41.3448, 99.6341



70.0829, 53.1902, 90.9458



18.1375, 17.9626, 22.7611



17.7597, 8.0660, 50.0554



1.8476, 0.8464, 4.8793

Inverse Universe

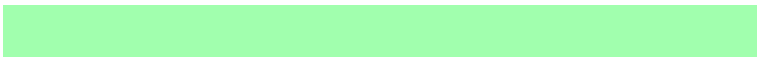
The Inverse Universe completely reimagines the original color for something new.



63.7234, 50.6464, 57.4572



59.4954, 44.2301, 49.7595



58.0537, 82.1355, 52.6022



18.2727, 18.0924, 20.0531



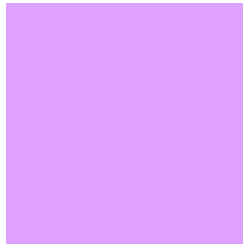
22.5661, 11.5157, 6.3655



2.2466, 1.1410, 0.8802

Previews

White Background



This preview shows how the XYZ color 60.9191, 48.2393, 100.7081 looks on a white background.

Color Contrast Check

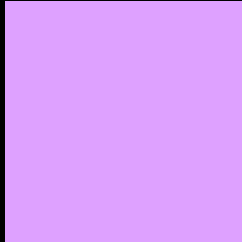
Large Text (above 18pt) WCAG AA × Fail

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 60.9191, 48.2393, 100.7081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

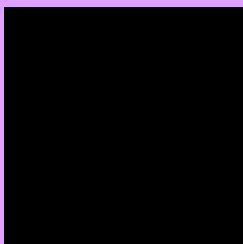
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9191, 48.2393, 100.7081

Background



This preview shows how black text looks on a background with the XYZ color 60.9191, 48.2393, 100.7081.



This preview shows how white text looks on a background with the XYZ color 60.9191, 48.2393,

100.7081.

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

60.9191, 48.2393, 100.7081

Protanopia

49.6782, 48.3573, 101.3233

Deuteranopia

49.6576, 48.4203, 97.9956



Tritanopia

51.5585, 48.2878, 54.1800

Trichromacy



Original Color

60.9191, 48.2393, 100.7081



Protanomaly

52.9532, 47.6825, 101.0204



Deuteranomaly

52.9564, 47.7395, 98.5190

Tritanomaly

54.5773, 48.1018, 68.6954

Monochromacy



Original Color

60.9191, 48.2393, 100.7081



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.6148, 49.6518, 70.4290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9191, 48.2393, 100.7081 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(222, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 161, 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(222, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 161, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.9191, 48.2393, 100.7081 is called "border". The border property can be set on classes, ids or directly on the HTML element.

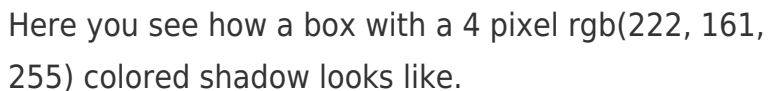
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 161, 255) }
```


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

```
.border{ border-color:rgb(222, 161, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(222, 161, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 161, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 161, 255); box-shadow:4px 4px 4px 4px rgb(222, 161, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9191, 48.2393, 100.7081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 161, 255) }
```

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

```
.background{ background-color: rgb(222,  
161, 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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