

Converting Colors

XYZ(60.1204, 48.8820,
100.8742)

Have a look what the booklet for
XYZ(60.1204, 48.8820, 100.8742)
contains.

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Color

**XYZ(60.1204, 48.8820,
100.8742)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A5FF
RGB	217, 165, 255
RGB Percent	85%, 65%, 100%
CMY	0.1490, 0.3529, 0.0000
CMYK	0.15, 0.35, 0.00, 0.00
HSL	275°, 100%, 82%
HSV	275°, 35%, 100%
XYZ	60.1204, 48.8820, 100.8742
YIQ	190.8080, 2.1020, 39.0140

Conversions

Conversions Part 2

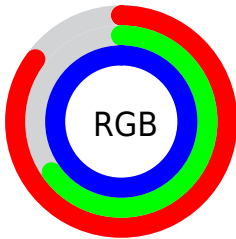
Format	Color
R _Y B	217, 165, 255
Decimal	14263807
CIE Lab	75.38, 35.33, -37.42
CIE LCh	75, 51.469, 313.356
Yxy	48.8820, 0.2865, 0.2329
Android (android.graphics.Color)	4292453887 (0xFFD9A5FF)
YUV	190.8080, 31.6467, 22.9704
Hunter-Lab	69.9157, 31.1395, -36.6025

Details

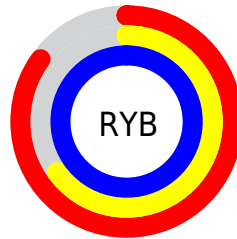
The XYZ color **60.1204, 48.8820, 100.8742** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.1811, 86.9336, 48.8385**, and the grayscale version is **49.2332, 51.7972, 56.4071**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **30.6852, 23.2426, 56.2951** is the 20% darker color. If you saturate the color by 10%, you get **52.8750, 38.9873, 99.3462**, and if you desaturate by 10%, it is **68.4946, 60.7220, 102.7182**.

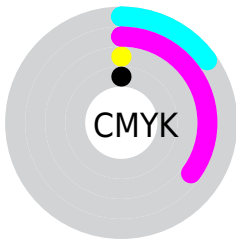
Distribution



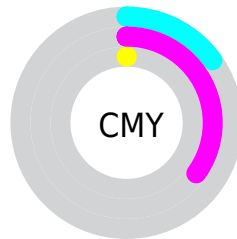
- Red (85%)
- Green (65%)
- Blue (100%)



- Red (85%)
- Yellow (65%)
- Blue (100%)



- Cyan (15%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1204, 48.8820, 100.8742 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 60.1204, 48.8820, 100.8742 by changing the saturation by 10% instead.


 60.1204, 48.8820,
100.8742


 60.1204, 48.8820,
100.8742


414.8691,
382.2776, 584.2624

 43.7655, 34.5259,
76.4099

 104.1097, 88.5162,
164.4204

 30.6833, 23.2979,
56.2600

 132.4747,
114.5630, 204.3393

 20.5085, 14.8136,
40.0060


165.5739,
145.2756, 250.2468

 12.8756, 8.6887,
27.2294

203.7726,
181.0382, 302.5615

 7.4193, 4.5387,
17.5116

247.4361,
222.2353, 361.7018

 3.7744, 1.9792,
10.4341

296.9298,

 1.5753, 0.5954,

269.2513, 428.0864

5.5784

352.6190,
322.4706, 502.1337

■ 0.3762, 0.0000,
2.5259

■ 0.0000, 0.0000,
0.8538

■ 60.1204, 48.8820,
100.8742

■ 60.1204, 48.8820,
100.8742

■ 52.8750, 38.9873,
99.3462

■ 68.4946, 60.7220,
102.7182

■ 46.6950, 30.9204,
98.1149

■ 78.0470, 74.6040,
104.8942

■ 41.5172, 24.5599,
97.1601

■ 88.8295, 90.6250,
107.4183

■ 37.2691, 19.7669,
96.4588

95.0500, 100.0000,
108.9000

■ 33.8664, 16.3792,
95.9843

■ 31.2060, 14.1974,
95.7034

■ 30.1427, 13.4540,
95.6159

Harmonies

Analogous

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



50.7965, 48.8820, 121.8166



60.1204, 48.8820, 100.8742



66.1874, 48.8820, 69.6065

Triad

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



60.1204, 48.8820, 100.8742



51.8754, 48.8820, 17.2577



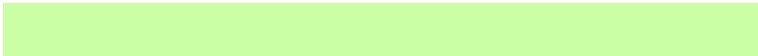
30.8974, 48.8820, 66.2059

Complementary

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



60.1204, 48.8820, 100.8742



67.1811, 86.9336, 48.8385

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.



31.1039, 48.8820, 39.6379



60.1204, 48.8820, 100.8742



42.3792, 48.8820, 16.8947

Square

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



60.1204, 48.8820, 100.8742



61.0022, 48.8820, 24.8443



35.0449, 48.8820, 23.5923



34.4361, 48.8820, 97.6674

Rectangle

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



60.1204, 48.8820, 100.8742



67.1184, 48.8820, 50.2287



35.0449, 48.8820, 23.5923



30.5472, 48.8820, 56.3365

Sweetspot

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



60.1219, 48.8840, 100.8745



82.5217, 81.2134, 105.9341



55.1615, 58.4068, 102.9741



17.3552, 16.9269, 22.6025



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.



60.1219, 48.8840, 100.8745



55.1401, 42.0379, 99.8157



71.7949, 55.0115, 96.4570



18.0083, 17.8960, 22.7551



15.9244, 7.1198, 49.9695



1.6753, 0.7576, 4.8712

Inverse Universe

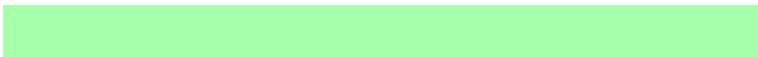
The Inverse Universe completely reimagines the original color for something new.



65.4757, 52.4838, 63.1807



61.4532, 46.2640, 56.2129



58.6291, 82.4602, 51.3565



18.3276, 18.1143, 20.3422



23.0246, 11.6991, 8.7800



2.2950, 1.1604, 1.1349

Previews

White Background



This preview shows how the XYZ color 60.1204, 48.8820, 100.8742 looks on a white background.

Color Contrast Check

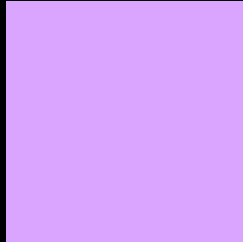
Large Text (above 18pt) WCAG AA × Fail

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 60.1204, 48.8820, 100.8742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

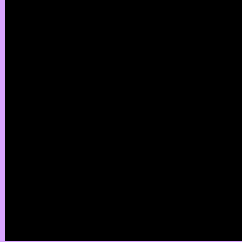
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1204, 48.8820, 100.8742

Background



This preview shows how black text looks on a background with the XYZ color 60.1204, 48.8820, 100.8742.



This preview shows how white text looks on a background with the XYZ color 60.1204, 48.8820,

100.8742.

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

60.1204, 48.8820, 100.8742

Protanopia

50.5003, 49.3935, 101.4800

Deuteranopia

50.2824, 49.0475, 98.0837



Tritanopia

51.1669, 48.9120, 56.6133

Trichromacy



Original Color

60.1204, 48.8820, 100.8742



Protanomaly

53.3006, 48.7316, 101.2046



Deuteranomaly

53.1036, 48.3932, 98.6374

Tritanomaly

54.0733, 48.6423, 70.8289

Monochromacy



Original Color

60.1204, 48.8820, 100.8742



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.6850, 50.5903, 70.6064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1204, 48.8820, 100.8742 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, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 165, 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(217, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 165, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.1204, 48.8820, 100.8742 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, 165, 255) }
```


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

```
.border{ border-color:rgb(217, 165, 255) }
```

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

Here you see how a box with a 4 pixel rgb(217, 165, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 165,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1204, 48.8820, 100.8742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 165, 255) }
```

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

```
.background{ background-color: rgb(217,  
165, 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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