

Converting Colors

XYZ(61.3013, 48.7941,
107.0025)

Have a look what the booklet for
XYZ(61.3013, 48.7941, 107.0025)
contains.

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Color

**XYZ(60.0606, 48.3198,
100.7689)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA3FF
RGB	218, 163, 255
RGB Percent	85%, 64%, 100%
CMY	0.1451, 0.3608, 0.0000
CMYK	0.15, 0.36, 0.00, 0.00
HSL	276°, 100%, 82%
HSV	276°, 36%, 100%
XYZ	60.0606, 48.3198, 100.7689
YIQ	189.9330, 3.2480, 40.2720

Conversions

Conversions Part 2

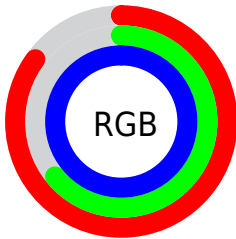
Format	Color
R _{YB}	218, 163, 255
Decimal	14328831
CIE _{Lab}	75.03, 36.71, -37.96
CIE _{LCh}	75, 52.807, 314.038
Yxy	48.3198, 0.2872, 0.2310
Android (android.graphics.Color)	4292518911 (0xFFDAA3FF)
YUV	189.9330, 32.0780, 24.6148
Hunter-Lab	69.5124, 32.5820, -37.2912

Details

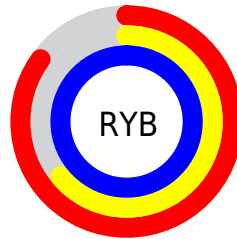
The XYZ color **60.0606, 48.3198, 100.7689** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.1913, 86.4442, 47.8492**, and the grayscale version is **48.7263, 51.2639, 55.8264**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **30.6693, 22.9105, 56.2318** is the 20% darker color. If you saturate the color by 10%, you get **53.0089, 38.6283, 99.2699**, and if you desaturate by 10%, it is **68.2179, 59.9385, 102.5816**.

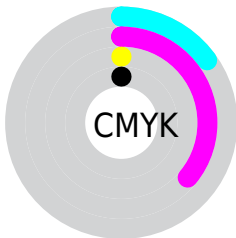
Distribution



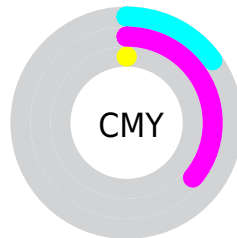
- Red (85%)
- Green (64%)
- Blue (100%)



- Red (85%)
- Yellow (64%)
- Blue (100%)



- Cyan (15%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0606, 48.3198, 100.7689 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 60.0606, 48.3198, 100.7689 by changing the saturation by 10% instead.


 60.0606, 48.3198,
100.7689


 60.0606, 48.3198,
100.7689


414.6523,
380.0583, 583.9228

 43.7171, 34.0802,
76.3224

 104.0234, 87.6804,
164.2745

 30.6451, 22.9552,
56.1887


 132.3735,
113.5701, 204.1707

 20.4793, 14.5605,
39.9492


165.4564,
144.1121, 250.0538

 12.8542, 8.5115,
27.1854

203.6377,
179.6906, 302.3424

 7.4045, 4.4239,
17.4789

247.2825,
220.6901, 361.4551

 3.7649, 1.9134,
10.4109

296.7563,

 1.5700, 0.5564,

267.4949, 427.8103

5.5631

352.4244,
320.4896, 501.8267

■ 0.3727, 0.0000,
2.5168

■ 0.0000, 0.0000,
0.8491

■ 60.0606, 48.3198,
100.7689

■ 60.0606, 48.3198,
100.7689

■ 53.0089, 38.6283,
99.2699

■ 68.2179, 59.9385,
102.5816

■ 46.9996, 30.7461,
98.0652

■ 77.5300, 73.5814,
104.7241

■ 41.9696, 24.5510,
97.1345

■ 88.0487, 89.3460,
107.2126

■ 37.8461, 19.9028,
96.4547

95.0500, 100.0000,
108.9000

■ 34.5444, 16.6376,
95.9984

■ 31.9601, 14.5521,
95.7321

■ 31.0827, 13.9386,
95.6599

Harmonies

Analogous

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



50.5731, 48.3198, 122.7814



60.0606, 48.3198, 100.7689



66.1618, 48.3198, 68.6093

Triad

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



60.0606, 48.3198, 100.7689



51.2170, 48.3198, 16.2887



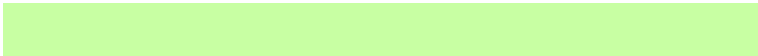
30.1834, 48.3198, 66.5745

Complementary

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



60.0606, 48.3198, 100.7689



66.1913, 86.4442, 47.8492

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.



30.3053, 48.3198, 39.3174



60.0606, 48.3198, 100.7689



41.5736, 48.3198, 16.0785

Square

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



60.0606, 48.3198, 100.7689



60.5885, 48.3198, 23.6564



34.2045, 48.3198, 22.9242



33.8441, 48.3198, 98.8374

Rectangle

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



60.0606, 48.3198, 100.7689



67.0187, 48.3198, 48.9599



34.2045, 48.3198, 22.9242



29.8012, 48.3198, 56.4415

Sweetspot

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



60.0621, 48.3217, 100.7692



82.7163, 81.3137, 105.9432



54.1202, 56.9371, 102.7453



17.4016, 16.9509, 22.6046



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.



60.0621, 48.3217, 100.7692



55.0649, 41.4124, 99.6989



71.1780, 54.1920, 94.9745



18.0446, 17.9147, 22.7568



16.4146, 7.3725, 49.9925



1.7218, 0.7815, 4.8734

Inverse Universe

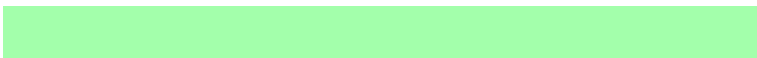
The Inverse Universe completely reimagines the original color for something new.



64.7636, 51.6262, 61.1964



60.6530, 45.3115, 53.9486



58.1845, 82.2347, 51.1700



18.3121, 18.1081, 20.2605



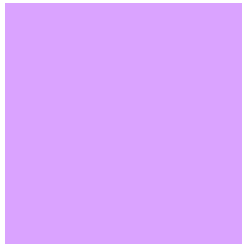
22.8853, 11.6434, 8.0466



2.2806, 1.1546, 1.0589

Previews

White Background



This preview shows how the XYZ color 60.0606, 48.3198, 100.7689 looks on a white background.

Color Contrast Check

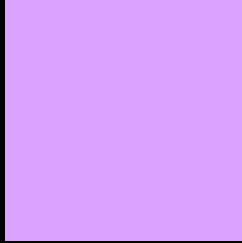
Large Text (above 18pt) WCAG AA × Fail

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 60.0606, 48.3198, 100.7689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

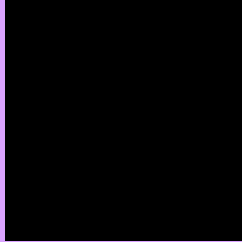
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0606, 48.3198, 100.7689

Background



This preview shows how black text looks on a background with the XYZ color 60.0606, 48.3198, 100.7689.



This preview shows how white text looks on a background with the XYZ color 60.0606, 48.3198,

100.7689.

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

60.0606, 48.3198, 100.7689

Protanopia

50.0877, 48.8735, 101.4014

Deuteranopia

49.6576, 48.4203, 97.9956



Tritanopia

50.8320, 48.1783, 55.3354

Trichromacy



Original Color

60.0606, 48.3198, 100.7689



Protanomaly

53.1038, 48.3379, 101.1390



Deuteranomaly

52.6678, 47.8786, 98.5611

Tritanomaly

53.8519, 47.9779, 70.0407

Monochromacy



Original Color

60.0606, 48.3198, 100.7689



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.2783, 49.7769, 70.4709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0606, 48.3198, 100.7689 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(218, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 163, 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(218, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 163, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.0606, 48.3198, 100.7689 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(218, 163, 255) }
```


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

```
.border{ border-color:rgb(218, 163, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 163,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0606, 48.3198, 100.7689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 163, 255) }
```

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

```
.background{ background-color: rgb(218,  
163, 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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