

Converting Colors

XYZ(60.2519, 48.4399, 97.5959)

Have a look what the booklet for
XYZ(60.2519, 48.4399, 97.5959)
contains.

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Color

**XYZ(60.3286, 48.5316,
97.4547)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA3FB
RGB	221, 163, 251
RGB Percent	87%, 64%, 98%
CMY	0.1333, 0.3608, 0.0157
CMYK	0.12, 0.35, 0.00, 0.02
HSL	280°, 92%, 81%
HSV	280°, 35%, 98%
XYZ	60.3286, 48.5316, 97.4547
YIQ	190.3740, 6.3200, 39.6640

Conversions

Conversions Part 2

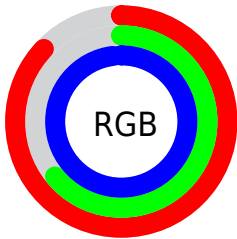
Format	Color
R _Y B	221, 163, 251
Decimal	14525435
CIE Lab	75.16, 36.77, -35.57
CIE LCh	75, 51.163, 315.951
Yxy	48.5316, 0.2924, 0.2352
Android (android.graphics.Color)	4292715515 (0xFFDDA3FB)
YUV	190.3740, 29.8886, 26.8590
Hunter-Lab	69.6646, 32.6654, -34.1763

Details

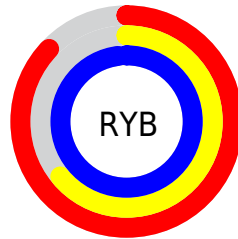
The XYZ color **60.3286, 48.5316, 97.4547** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **63.1019, 82.9774, 47.3429**, and the grayscale version is **48.9910, 51.5424, 56.1296**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **30.8306, 23.0462, 53.8624** is the 20% darker color. If you saturate the color by 10%, you get **53.7675, 39.1780, 95.9958**, and if you desaturate by 10%, it is **67.9101, 59.7264, 99.2167**.

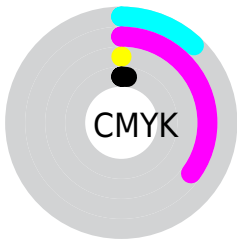
Distribution



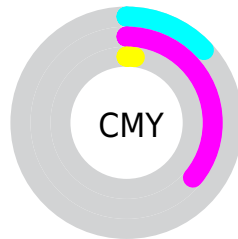
- Red (87%)
- Green (64%)
- Blue (98%)



- Red (87%)
- Yellow (64%)
- Blue (98%)



- Cyan (12%)
- Magenta (35%)
- Yellow (0%)
- Black (2%)





- Cyan (13%)
- Magenta (36%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3286, 48.5316, 97.4547 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 60.3286, 48.5316, 97.4547 by changing the saturation by 10% instead.


 60.3286, 48.5316,
97.4547

 60.3286, 48.5316,
97.4547


415.6233,
380.8954, 573.1778

 43.9340, 34.2481,
73.5716


 104.4098, 87.9954,
159.6762

 30.8163, 23.0842,
53.9488


 132.8272,
113.9444, 198.8516

 20.6102, 14.6557,
38.1678


165.9829,
144.5507, 243.9615

 12.9502, 8.5781,
25.8101

204.2422,
180.1987, 295.4245

 7.4710, 4.4670,
16.4572

247.9706,
221.2728, 353.6591

 3.8073, 1.9381,
9.6904

297.5333,

 1.5937, 0.5711,

268.1573, 419.0838

5.0912

353.2957,
321.2367, 492.1172

■ 0.3883, 0.0000,
2.2412

■ 0.0000, 0.0000,
0.6980

■ 60.3286, 48.5316,
97.4547

■ 60.3286, 48.5316,
97.4547

■ 53.7675, 39.1780,
95.9958

■ 67.9101, 59.7264,
99.2167

■ 48.1674, 31.5534,
94.8193

■ 76.5574, 72.8539,
101.2948

■ 43.4697, 25.5424,
93.9067

■ 86.3186, 88.0066,
103.7051

■ 39.6069, 21.0129,
93.2360

■ 94.4127, 99.7451,
105.5442

■ 36.5003, 17.8106,
92.7816

■ 34.0536, 15.7463,
92.5121

■ 33.0199, 15.0109,
92.4246

Harmonies

Analogous

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



51.2590, 48.5316, 119.6099



60.3286, 48.5316, 97.4547



65.9085, 48.5316, 66.3856

Triad

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



60.3286, 48.5316, 97.4547



50.6416, 48.5316, 16.9263



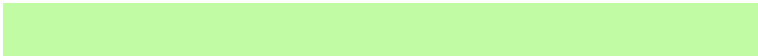
30.8814, 48.5316, 68.3309

Complementary

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



60.3286, 48.5316, 97.4547



63.1019, 82.9774, 47.3429

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.



30.7630, 48.5316, 41.2795



60.3286, 48.5316, 97.4547



41.3511, 48.5316, 17.1347

Square

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



60.3286, 48.5316, 97.4547



59.8241, 48.5316, 23.7534



34.3511, 48.5316, 24.4714



34.6998, 48.5316, 99.2879

Rectangle

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



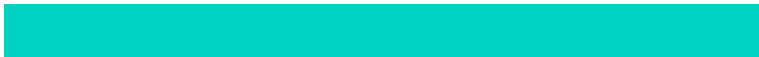
60.3286, 48.5316, 97.4547



66.4706, 48.5316, 47.6709



34.3511, 48.5316, 24.4714



30.4270, 48.5316, 58.3756

Sweetspot

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



60.3302, 48.5336, 97.4558



83.3144, 81.6221, 105.9712



51.7660, 53.2482, 98.8172



17.5444, 17.0245, 22.6113



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.



60.3302, 48.5336, 97.4558



57.6840, 43.3493, 99.9347



68.2855, 52.8668, 87.3414



17.3848, 17.2110, 21.7911



17.5186, 7.9739, 48.5893



1.7359, 0.7970, 4.5055

Inverse Universe

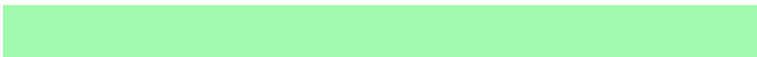
The Inverse Universe completely reimagines the original color for something new.



62.5080, 50.5559, 56.9178



60.5091, 45.8864, 51.2416



57.4594, 79.9247, 53.5788



17.4888, 17.3229, 19.1637



21.8467, 11.1544, 5.9014



2.0709, 1.0521, 0.7968

Previews

White Background



This preview shows how the XYZ color 60.3286, 48.5316, 97.4547 looks on a white background.

Color Contrast Check

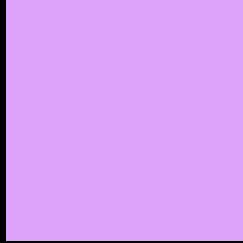
Large Text (above 18pt) WCAG AA × Fail

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 60.3286, 48.5316, 97.4547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

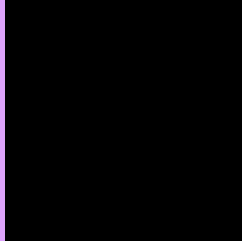
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3286, 48.5316, 97.4547

Background



This preview shows how black text looks on a background with the XYZ color 60.3286, 48.5316, 97.4547.



This preview shows how white text looks on a background with the XYZ color 60.3286, 48.5316,

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

60.3286, 48.5316, 97.4547

Protanopia

50.0877, 48.8735, 101.4014

Deuteranopia

49.8786, 48.6063, 94.7488



Tritanopia

51.8620, 48.7218, 54.8149

Trichromacy



Original Color

60.3286, 48.5316, 97.4547



Protanomaly

53.1819, 48.3968, 100.3045



Deuteranomaly

53.0123, 48.1286, 95.3026



Tritanomaly

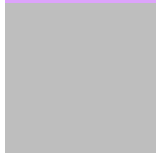
54.4709, 48.3264, 68.7443

Monochromacy



Original Color

60.3286, 48.5316, 97.4547



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.2923, 49.8135, 69.1462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3286, 48.5316, 97.4547 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(221, 163, 251)` looks like.

```
.text, #text, p{  
    color:rgb(221, 163, 251)  
}
```

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(221, 163, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 163, 251) }
```

Border

The CSS property to change the border of an element to XYZ 60.3286, 48.5316, 97.4547 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(221, 163, 251) }
```


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

```
.border{ border-color:rgb(221, 163, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 163, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 163, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 163, 251);  
box-shadow:4px 4px 4px 4px rgb(221, 163,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3286, 48.5316, 97.4547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 163, 251) }
```

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

```
.background{ background-color: rgb(221,  
163, 251) }
```

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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