

Converting Colors

XYZ(60.8299, 51.2485, 97.9553)

Have a look what the booklet for
XYZ(60.8299, 51.2485, 97.9553)
contains.

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Color

**XYZ(60.7804, 51.2218,
97.9501)**

Conversions

Conversions Part 1

Format	Color
Hex	D9ACFB
RGB	217, 172, 251
RGB Percent	85%, 67%, 98%
CMY	0.1490, 0.3255, 0.0157
CMYK	0.14, 0.31, 0.00, 0.02
HSL	274°, 91%, 83%
HSV	274°, 31%, 98%
XYZ	60.7804, 51.2218, 97.9501
YIQ	194.4610, 1.4610, 34.1090

Conversions

Conversions Part 2

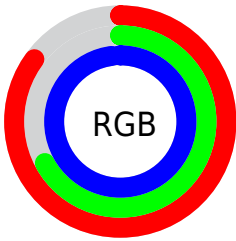
Format	Color
RYB	217, 172, 251
Decimal	14265595
CIELab	76.81, 30.71, -33.05
CIElCh	77, 45.114, 312.904
Yxy	51.2218, 0.2895, 0.2440
Android (android.graphics.Color)	4292455675 (0xFFD9ACFB)
YUV	194.4610, 27.8737, 19.7667
Hunter-Lab	71.5694, 26.3449, -31.0459

Details

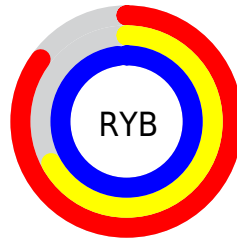
The XYZ color **60.7804, 51.2218, 97.9501** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.3988, 85.0960, 51.9049**, and the grayscale version is **51.3921, 54.0684, 58.8805**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **31.0324, 24.6658, 54.1643** is the 20% darker color. If you saturate the color by 10%, you get **53.3407, 40.9532, 96.3610**, and if you desaturate by 10%, it is **69.3358, 63.4072, 99.8520**.

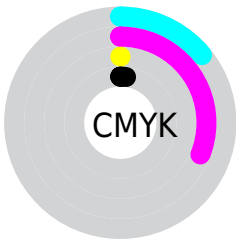
Distribution



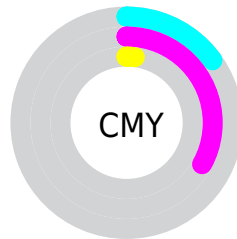
- Red (85%)
- Green (67%)
- Blue (98%)



- Red (85%)
- Yellow (67%)
- Blue (98%)



- Cyan (14%)
- Magenta (31%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (33%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7804, 51.2218, 97.9501 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 60.7804, 51.2218, 97.9501 by changing the saturation by 10% instead.

60.7804, 51.2218,
97.9501

60.7804, 51.2218,
97.9501

417.2572,
391.4249, 574.7907

44.2998, 36.3852,
73.9824

105.0608, 91.9825,
160.3645

31.1052, 24.7318,
54.2829

133.5914,
118.6754, 199.6483

20.8312, 15.8774,
38.4332

166.8693,
150.0892, 244.8745

13.1124, 9.4374,
26.0146

205.2600,
186.6082, 296.4616

7.5835, 5.0276,
16.6087

249.1288,
228.6169, 354.8283

3.8792, 2.2634,
9.7969

298.8410,

1.6340, 0.7543,

276.4997, 420.3930

5.1607

354.7620,
330.6409, 493.5743

■ 0.4144, 0.0000,
2.2815

■ 0.0000, 0.0000,
0.7208

■ 60.7804, 51.2218,
97.9501

■ 60.7804, 51.2218,
97.9501

■ 53.3407, 40.9532,
96.3610

■ 69.3358, 63.4072,
99.8520

■ 46.9567, 32.4912,
95.0641

■ 79.0527, 77.5989,
102.0792

■ 41.5701, 25.7239,
94.0418

■ 89.9801, 93.8884,
104.6474

■ 37.1138, 20.5236,
93.2729

■ 94.4127, 99.7451,
105.5442

■ 33.5116, 16.7441,
92.7333

■ 30.6723, 14.2098,
92.3938

■ 28.7361, 12.8025,
92.2242

Harmonies

Analogous

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



52.4565, 51.2218, 115.5436



60.7804, 51.2218, 97.9501



66.1854, 51.2218, 70.8193

Triad

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



60.7804, 51.2218, 97.9501



53.6889, 51.2218, 21.7436



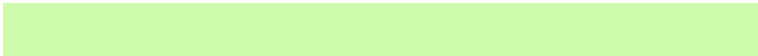
34.3303, 51.2218, 66.9833

Complementary

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



60.7804, 51.2218, 97.9501



67.3988, 85.0960, 51.9049

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.



34.5779, 51.2218, 43.0228



60.7804, 51.2218, 97.9501



45.0984, 51.2218, 21.2706

Square

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



60.7804, 51.2218, 97.9501



61.7733, 51.2218, 29.4283



38.3108, 51.2218, 27.8640



37.5894, 51.2218, 94.4420

Rectangle

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



60.7804, 51.2218, 97.9501



67.0563, 51.2218, 53.4157



38.3108, 51.2218, 27.8640



34.0185, 51.2218, 58.1962

Sweetspot

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



60.7821, 51.2239, 97.9512



84.6197, 84.3959, 106.4378



56.5552, 59.9927, 99.8666



17.7720, 17.5604, 22.7028



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.



60.7821, 51.2239, 97.9512



57.8205, 45.8983, 100.4195



71.1312, 56.6537, 94.1615



17.2295, 17.1310, 21.7838



15.2749, 6.8172, 48.4843



1.5361, 0.6940, 4.4962

Inverse Universe

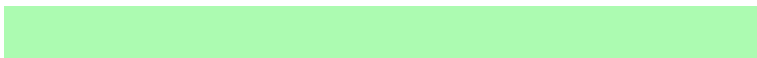
The Inverse Universe completely reimagines the original color for something new.



65.6783, 54.4725, 65.4471



63.8863, 49.9088, 60.7897



59.4746, 80.9513, 54.2272



17.5547, 17.3492, 19.5109



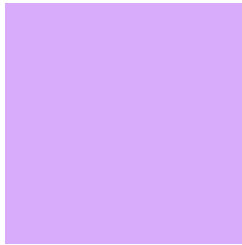
22.4051, 11.3778, 8.8418



2.1271, 1.0746, 1.0926

Previews

White Background



This preview shows how the XYZ color 60.7804, 51.2218, 97.9501 looks on a white background.

Color Contrast Check

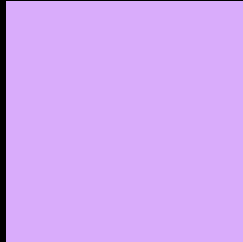
Large Text (above 18pt) WCAG AA × Fail

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 60.7804, 51.2218, 97.9501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

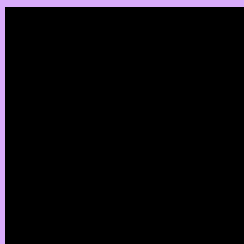
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7804, 51.2218, 97.9501

Background



This preview shows how black text looks on a background with the XYZ color 60.7804, 51.2218, 97.9501.



This preview shows how white text looks on a background with the XYZ color 60.7804, 51.2218,

97.9501.

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

60.7804, 51.2218, 97.9501

Protanopia

52.3979, 51.3067, 101.7493

Deuteranopia

52.8451, 51.6651, 95.9941



Tritanopia

53.0240, 51.3081, 59.9321

Trichromacy



Original Color

60.7804, 51.2218, 97.9501



Protanomaly

55.1109, 51.1764, 100.7393



Deuteranomaly

55.5651, 51.5019, 96.6348



Tritanomaly

55.5085, 51.0988, 72.5831

Monochromacy



Original Color

60.7804, 51.2218, 97.9501



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.1818, 52.5807, 71.5834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7804, 51.2218, 97.9501 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, 172, 251)` looks like.

```
.text, #text, p{  
    color:rgb(217, 172, 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(217, 172, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 172, 251) }
```

Border

The CSS property to change the border of an element to XYZ 60.7804, 51.2218, 97.9501 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, 172, 251) }
```


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

```
.border{ border-color:rgb(217, 172, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 172, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 172, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 172, 251);  
box-shadow:4px 4px 4px 4px rgb(217, 172,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7804, 51.2218, 97.9501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 172, 251) }
```

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

```
.background{ background-color: rgb(217,  
172, 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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