

Converting Colors

XYZ(61.0977, 50.3932, 94.6344)

Have a look what the booklet for
XYZ(61.0977, 50.3932, 94.6344)
contains.

XYZ(60.9153, 50.2503, 94.4844)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.9153, 50.2503,
94.4844)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA8F7
RGB	222, 168, 247
RGB Percent	87%, 66%, 97%
CMY	0.1294, 0.3412, 0.0314
CMYK	0.10, 0.32, 0.00, 0.03
HSL	281°, 83%, 81%
HSV	281°, 32%, 97%
XYZ	60.9153, 50.2503, 94.4844
YIQ	193.1520, 6.8250, 36.0170

Conversions

Conversions Part 2

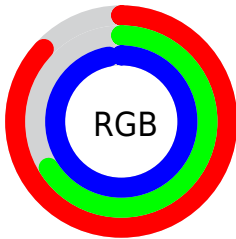
Format	Color
R _{YB}	222, 168, 247
Decimal	14592247
CIE _{Lab}	76.22, 33.58, -31.76
CIE _{LCh}	76, 46.218, 316.593
Yxy	50.2503, 0.2962, 0.2443
Android (android.graphics.Color)	4292782327 (0xFFDEA8F7)
YUV	193.1520, 26.5471, 25.2997
Hunter-Lab	70.8874, 29.3363, -29.4052

Details

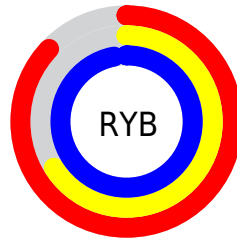
The XYZ color **60.9153, 50.2503, 94.4844** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **62.3228, 80.6875, 49.3377**, and the grayscale version is **50.6254, 53.2619, 58.0022**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **31.1509, 24.0862, 51.7225** is the 20% darker color. If you saturate the color by 10%, you get **54.4426, 40.7761, 92.9976**, and if you desaturate by 10%, it is **68.3684, 61.5181, 96.2673**.

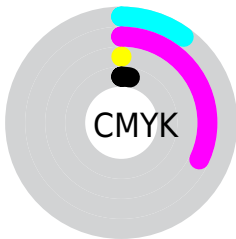
Distribution



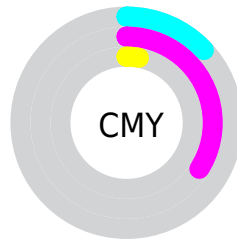
- Red (87%)
- Green (66%)
- Blue (97%)



- Red (87%)
- Yellow (66%)
- Blue (97%)



- Cyan (10%)
- Magenta (32%)
- Yellow (0%)
- Black (3%)





- Cyan (13%)
- Magenta (34%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9153, 50.2503, 94.4844 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 60.9153, 50.2503, 94.4844 by changing the saturation by 10% instead.


 60.9153, 50.2503,
94.4844


 60.9153, 50.2503,
94.4844


417.7443,
387.6440, 563.4551

 44.4091, 35.6123,
71.1114


 105.2551, 90.5456,
155.5415

 31.1915, 24.1349,
51.9507


 133.8194,
116.9718, 194.0628

 20.8973, 15.4337,
36.5838


167.1338,
148.0961, 238.4705

 13.1610, 9.1244,
24.5922

205.5636,
184.3029, 289.1832

 7.6173, 4.8224,
15.5572

249.4742,
225.9768, 346.6195

 3.9008, 2.1434,
9.0604

299.2309,

 1.6461, 0.6889,

273.5019, 411.1979

4.6833

355.1992,
327.2629, 483.3369

■ 0.4222, 0.0000,
2.0072

■ 0.0000, 0.0000,
0.5597

■ 60.9153, 50.2503,
94.4844

■ 60.9153, 50.2503,
94.4844

■ 54.4426, 40.7761,
92.9976

■ 68.3684, 61.5181,
96.2673

■ 48.8946, 32.9898,
91.7871

■ 76.8435, 74.6643,
98.3580

■ 44.2174, 26.7848,
90.8360

■ 86.3861, 89.7762,
100.7720

■ 40.3487, 22.0390,
90.1238

■ 93.1544, 99.1685,
102.2282

■ 37.2174, 18.6120,
89.6274

■ 93.7887, 99.4955,
102.2578

■ 34.7375, 16.3347,
89.3185

■ 33.1154, 15.1322,
89.1719

Harmonies

Analogous

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



52.6785, 50.2503, 114.3579



60.9153, 50.2503, 94.4844



65.8686, 50.2503, 66.5388

Triad

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



60.9153, 50.2503, 94.4844



51.7292, 50.2503, 20.1891



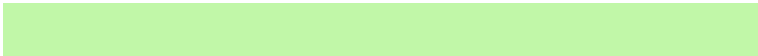
33.5088, 50.2503, 69.5012

Complementary

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



60.9153, 50.2503, 94.4844



62.3228, 80.6875, 49.3377

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.



33.3198, 50.2503, 44.3804



60.9153, 50.2503, 94.4844



43.1602, 50.2503, 20.5443

Square

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



60.9153, 50.2503, 94.4844



60.1482, 50.2503, 26.8567



36.6521, 50.2503, 28.0409



37.2038, 50.2503, 97.2102

Rectangle

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



60.9153, 50.2503, 94.4844



66.2955, 50.2503, 49.4168



36.6521, 50.2503, 28.0409



33.0501, 50.2503, 60.3769

Sweetspot

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



60.9170, 50.2524, 94.4855



84.5410, 83.2972, 106.2299



52.0126, 53.1898, 95.5218



17.7993, 17.3637, 22.6634



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.



60.9170, 50.2524, 94.4855



61.1383, 47.6087, 100.5748



67.0009, 53.6371, 83.5522



16.6738, 16.4900, 20.8467



17.6672, 8.0821, 47.1669



1.6589, 0.7651, 4.1505

Inverse Universe

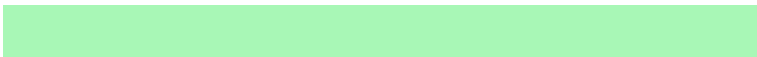
The Inverse Universe completely reimagines the original color for something new.



61.9878, 51.6318, 57.1533



62.6437, 49.4118, 54.2462



57.9045, 78.2451, 56.5715



16.7152, 16.5689, 18.2467



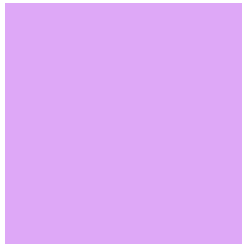
21.0732, 10.7727, 5.0940



1.8968, 0.9647, 0.6828

Previews

White Background



This preview shows how the XYZ color 60.9153, 50.2503, 94.4844 looks on a white background.

Color Contrast Check

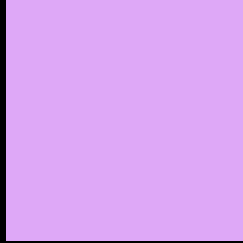
Large Text (above 18pt) WCAG AA × Fail

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 60.9153, 50.2503, 94.4844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

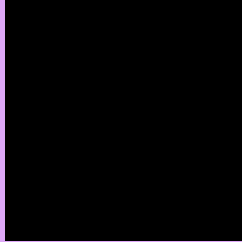
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9153, 50.2503, 94.4844

Background



This preview shows how black text looks on a background with the XYZ color 60.9153, 50.2503, 94.4844.



This preview shows how white text looks on a background with the XYZ color 60.9153, 50.2503,

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

60.9153, 50.2503, 94.4844

Protanopia

51.7574, 50.6626, 101.6587

Deuteranopia

51.8096, 50.5767, 92.6196



Tritanopia

53.4773, 50.3866, 57.3591

Trichromacy



Original Color

60.9153, 50.2503, 94.4844



Protanomaly

54.4298, 49.9598, 98.8699



Deuteranomaly

54.5938, 50.1702, 93.1926



Tritanomaly

55.9555, 50.2158, 69.6942

Monochromacy



Original Color

60.9153, 50.2503, 94.4844



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.0526, 51.9224, 70.1239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9153, 50.2503, 94.4844 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, 168, 247)` looks like.

```
.text, #text, p{  
    color:rgb(222, 168, 247)  
}
```

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, 168, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 168, 247) }
```

Border

The CSS property to change the border of an element to XYZ 60.9153, 50.2503, 94.4844 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, 168, 247) }
```


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

```
.border{ border-color:rgb(222, 168, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 168, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 168, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 168, 247);  
box-shadow:4px 4px 4px 4px rgb(222, 168,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9153, 50.2503, 94.4844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 168, 247) }
```

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

```
.background{ background-color: rgb(222,  
168, 247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor