

Converting Colors

XYZ(61.8750, 61.0377, 94.9392)

Have a look what the booklet for
XYZ(61.8750, 61.0377, 94.9392)
contains.

XYZ(61.7252, 60.9224, 94.8921)	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(61.7252, 60.9224,
94.8921)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC9F5
RGB	202, 201, 245
RGB Percent	79%, 79%, 96%
CMY	0.2078, 0.2117, 0.0392
CMYK	0.18, 0.18, 0.00, 0.04
HSL	241°, 69%, 87%
HSV	241°, 18%, 96%
XYZ	61.7252, 60.9224, 94.8921
YIQ	206.3150, -13.5280, 13.8960

Conversions

Conversions Part 2

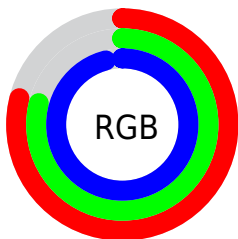
Format	Color
R _Y B	202, 201, 245
Decimal	13289973
CIE Lab	82.34, 9.12, -21.49
CIE LCh	82, 23.348, 293.003
Yxy	60.9224, 0.2837, 0.2801
Android (android.graphics.Color)	4291480053 (0xFFCAC9F5)
YUV	206.3150, 19.0717, -3.7843
Hunter-Lab	78.0528, 4.5678, -17.4444

Details

The XYZ color **61.7252, 60.9224, 94.8921** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.5052, 88.7564, 68.1497**, and the grayscale version is **58.7574, 61.8173, 67.3191**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6516, 30.7446, 52.4102** is the 20% darker color. If you saturate the color by 10%, you get **50.4795, 47.3133, 92.8590**, and if you desaturate by 10%, it is **74.8908, 76.8764, 97.2786**.

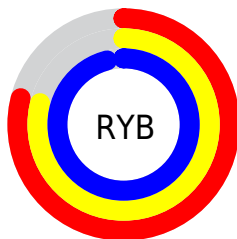
Distribution



Red (79%)

Green (79%)

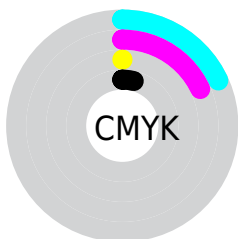
Blue (96%)



Red (79%)

Yellow (79%)

Blue (96%)

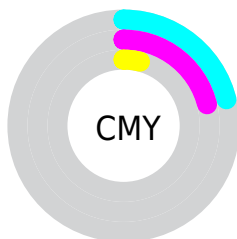


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (4%)



Cyan (21%)

Magenta (21%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7252, 60.9224, 94.8921 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 61.7252, 60.9224, 94.8921 by changing the saturation by 10% instead.

■ 61.7252, 60.9224,
94.8921

■ 61.7252, 60.9224,
94.8921

420.6616,
427.9894, 564.7950

■ 45.0655, 44.1625,
71.4488

106.4204,
106.1666, 156.1098

■ 31.7105, 30.7983,
52.2244

135.1867,
135.4197, 194.7213

■ 21.2949, 20.4453,
36.8005

168.7191,
169.6060, 239.2259

■ 13.4534, 12.7192,
24.7585

207.3830,
209.1099, 290.0422

■ 7.8207, 7.2354,
15.6798

251.5439,
254.3158, 347.5887

■ 4.0313, 3.6098,
9.1460

301.5671,

■ 1.7198, 1.4578,

305.6081, 412.2840

4.7384

357.8178,
363.3712, 484.5466

■ 0.4686, 0.2587,
2.0386

■ 0.0000, 0.0000,
0.5788

■ 61.7252, 60.9224,
94.8921

■ 61.7252, 60.9224,
94.8921

■ 50.4795, 47.3133,
92.8590

■ 74.8908, 76.8764,
97.2786

■ 41.0587, 35.9317,
91.1586

■ 90.0540, 95.2706,
100.0299

■ 33.3682, 26.6612,
89.7746

■ 93.4816, 99.3726,
100.6410

■ 27.3029, 19.3719,
88.6873

■ 22.7461, 13.9198,
87.8751

■ 19.5655, 10.1410,
87.3133

■ 17.6061, 7.8431,
86.9731

■ 16.6667, 6.7687,
86.8152

■ 16.5512, 6.6285,
86.7942

Harmonies

Analogous

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



56.7470, 60.9224, 97.4215



61.7252, 60.9224, 94.8921



65.8883, 60.9224, 84.2299

Triad

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



61.7252, 60.9224, 94.8921



63.8562, 60.9224, 46.7663



48.9172, 60.9224, 63.0513

Complementary

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



61.7252, 60.9224, 94.8921



80.5052, 88.7564, 68.1497

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.



50.5939, 60.9224, 51.1717



61.7252, 60.9224, 94.8921



59.0785, 60.9224, 42.6824

Square

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



61.7252, 60.9224, 94.8921



67.1670, 60.9224, 56.1912



54.2456, 60.9224, 44.1712



49.5360, 60.9224, 77.6296

Rectangle

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



61.7252, 60.9224, 94.8921



67.5462, 60.9224, 74.6720



54.2456, 60.9224, 44.1712



49.2277, 60.9224, 58.6412

Sweetspot

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



61.7271, 60.9249, 94.8935



86.6799, 89.8460, 107.3812



73.0016, 83.8735, 98.7288



18.3109, 18.9370, 22.9401



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.



61.7271, 60.9249, 94.8935



62.3160, 60.3240, 102.9670



68.0280, 64.1731, 95.1883



15.6159, 15.9446, 20.7971



8.9317, 3.5788, 46.7580



0.7970, 0.3207, 4.1101

Inverse Universe

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



74.8739, 67.7199, 94.7153



79.4862, 69.1991, 102.7045



73.4027, 85.0950, 67.8173



17.1964, 16.7614, 20.7810



28.7221, 13.8323, 45.3724



2.5295, 1.2178, 4.0145

Previews

White Background



This preview shows how the XYZ color 61.7252, 60.9224, 94.8921 looks on a white background.

Color Contrast Check

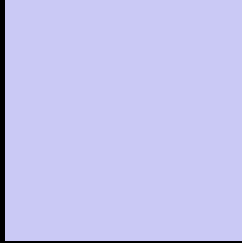
Large Text (above 18pt) WCAG AA × Fail

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 61.7252, 60.9224, 94.8921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

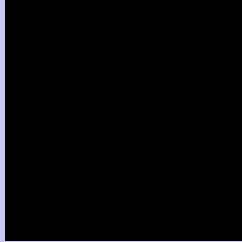
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7252, 60.9224, 94.8921

Background



This preview shows how black text looks on a background with the XYZ color 61.7252, 60.9224, 94.8921.



This preview shows how white text looks on a background with the XYZ color 61.7252, 60.9224,

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

61.7252, 60.9224, 94.8921

Protanopia

60.4962, 60.9678, 95.7682

Deuteranopia

62.3125, 60.8803, 94.8530



Tritanopia

58.1712, 60.8889, 77.0934

Trichromacy



Original Color

61.7252, 60.9224, 94.8921

Protanomaly

61.0438, 60.9006, 95.7264

Deuteranomaly

62.0375, 60.7385, 94.8402

Tritanomaly

59.4290, 61.0410, 83.5128

Monochromacy



Original Color

61.7252, 60.9224, 94.8921

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.6880, 61.3322, 76.4025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7252, 60.9224, 94.8921 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(202, 201, 245)` looks like.

```
.text, #text, p{  
    color:rgb(202, 201, 245)  
}
```

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(202, 201, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 201, 245) }
```

Border

The CSS property to change the border of an element to XYZ 61.7252, 60.9224, 94.8921 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(202, 201, 245) }
```


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

```
.border{ border-color:rgb(202, 201, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 201, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 201, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 201, 245);  
box-shadow:4px 4px 4px 4px rgb(202, 201,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7252, 60.9224, 94.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 201, 245) }
```

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

```
.background{ background-color: rgb(202,  
201, 245) }
```

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