

Converting Colors

XYZ(65.6499, 61.9339,
124.6222)

Have a look what the booklet for
XYZ(65.6499, 61.9339, 124.6222)
contains.

XYZ(61.4692, 60.2643, 103.0001)	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(61.4692, 60.2643,
103.0001)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C8FF
RGB	196, 200, 255
RGB Percent	77%, 78%, 100%
CMY	0.2314, 0.2157, 0.0000
CMYK	0.23, 0.22, 0.00, 0.00
HSL	236°, 100%, 88%
HSV	236°, 23%, 100%
XYZ	61.4692, 60.2643, 103.0001
YIQ	205.0740, -20.0390, 16.2570

Conversions

Conversions Part 2

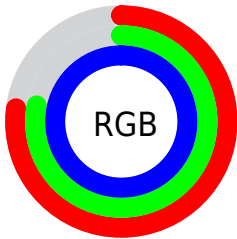
Format	Color
R_{YB}	196, 200, 255
Decimal	12896511
CIE _{Lab}	81.98, 10.06, -27.40
CIE _{LCh}	82, 29.185, 290.156
Yxy	60.2643, 0.2735, 0.2682
Android (android.graphics.Color)	4291086591 (0xFFC4C8FF)
YUV	205.0740, 24.6135, -7.9579
Hunter-Lab	77.6301, 5.4876, -24.3253

Details

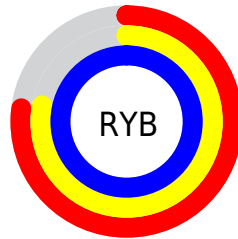
The XYZ color **61.4692, 60.2643, 103.0001** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.7009, 94.2392, 65.8993**, and the grayscale version is **57.9344, 60.9515, 66.3762**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **31.4564, 30.2977, 57.6162** is the 20% darker color. If you saturate the color by 10%, you get **50.3077, 46.9646, 101.0213**, and if you desaturate by 10%, it is **74.6173, 75.8615, 105.3177**.

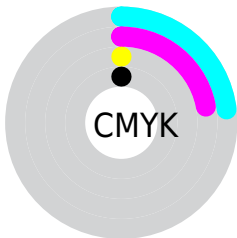
Distribution



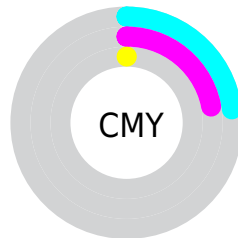
- Red (77%)
- Green (78%)
- Blue (100%)



- Red (77%)
- Yellow (78%)
- Blue (100%)



- Cyan (23%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4692, 60.2643, 103.0001 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 61.4692, 60.2643, 103.0001 by changing the saturation by 10% instead.

61.4692, 60.2643,
103.0001

61.4692, 60.2643,
103.0001

419.7407,
425.5713, 591.0977

44.8579, 43.6317,
78.1776

106.0523,
105.2130, 167.3617

31.5463, 30.3811,
57.7026

134.7548,
134.2978, 207.7378

21.1691, 20.1280,
41.1565

168.2184,
168.3022, 254.1355

13.3608, 12.4881,
28.1207

206.8085,
207.6106, 306.9735

7.7562, 7.0770,
18.1769

250.8904,
252.6073, 366.6701

3.9898, 3.5103,
10.9063

300.8295,

1.6964, 1.4036,

303.6767, 433.6440

5.8905

356.9912,
361.2032, 508.3137

■ 0.4540, 0.2194,
2.7109

■ 0.0000, 0.0000,
0.9489

■ 61.4692, 60.2643,
103.0001

■ 61.4692, 60.2643,
103.0001

■ 50.3077, 46.9646,
101.0213

■ 74.6173, 75.8615,
105.3177

■ 41.0311, 35.8471,
99.3644

■ 89.8365, 93.8502,
107.9877

■ 33.5368, 26.7973,
98.0126

95.0500, 100.0000,
108.9000

■ 27.7100, 19.6871,
96.9473

■ 23.4228, 14.3745,
96.1478

■ 20.5284, 10.6977,
95.5906

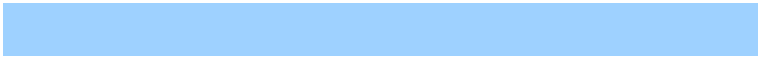
■ 18.8512, 8.4658,
95.2482

■ 18.2550, 7.6301,
95.1183

Harmonies

Analogous

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



55.2731, 60.2643, 105.1515



61.4692, 60.2643, 103.0001



66.8888, 60.2643, 89.9072

Triad

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



61.4692, 60.2643, 103.0001



65.2293, 60.2643, 42.8171



46.3582, 60.2643, 59.9732

Complementary

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



61.4692, 60.2643, 103.0001



85.7009, 94.2392, 65.8993

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.



48.6375, 60.2643, 46.1514



61.4692, 60.2643, 103.0001



59.3337, 60.2643, 37.4904

Square

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



61.4692, 60.2643, 103.0001



69.1655, 60.2643, 54.5833



53.2845, 60.2643, 38.5901



46.8396, 60.2643, 78.0470

Rectangle

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



61.4692, 60.2643, 103.0001



69.1905, 60.2643, 77.8524



53.2845, 60.2643, 38.5901



46.8203, 60.2643, 54.7368

Sweetspot

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



61.4710, 60.2667, 103.0005



83.7048, 86.6096, 106.9134



75.7941, 90.1635, 103.9197



17.7174, 18.3030, 22.8490



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.



61.4710, 60.2667, 103.0005



55.7994, 53.5168, 101.9966



67.4832, 62.0082, 103.0198



17.1019, 17.5754, 22.7410



9.5751, 4.0597, 49.7135



0.9652, 0.4612, 4.8514

Inverse Universe

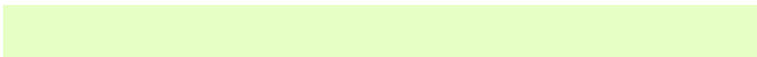
The Inverse Universe completely reimagines the original color for something new.



71.4064, 64.9115, 63.4118



67.4224, 59.0250, 55.6669



78.4915, 92.3979, 65.9239



18.0593, 18.0070, 18.9296



21.6212, 11.1378, 1.3900



2.1218, 1.0911, 0.2229

Previews

White Background



This preview shows how the XYZ color 61.4692, 60.2643, 103.0001 looks on a white background.

Color Contrast Check

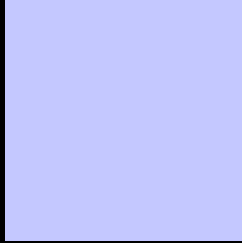
Large Text (above 18pt) WCAG AA × Fail

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 61.4692, 60.2643, 103.0001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

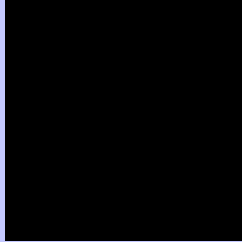
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4692, 60.2643, 103.0001

Background



This preview shows how black text looks on a background with the XYZ color 61.4692, 60.2643, 103.0001.



This preview shows how white text looks on a background with the XYZ color 61.4692, 60.2643,

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

61.4692, 60.2643, 103.0001

Protanopia

60.6564, 60.5374, 103.0957

Deuteranopia

61.7302, 60.3989, 103.0124



Tritanopia

56.4913, 60.3637, 77.7812

Trichromacy



Original Color

61.4692, 60.2643, 103.0001

Protanomaly

60.9290, 60.3307, 103.0414

Deuteranomaly

61.7302, 60.3989, 103.0124

Tritanomaly

58.1824, 60.3327, 86.4207

Monochromacy



Original Color

61.4692, 60.2643, 103.0001

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.0323, 60.5961, 78.3969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4692, 60.2643, 103.0001 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(196, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 200, 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(196, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 200, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.4692, 60.2643, 103.0001 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(196, 200, 255) }
```


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

```
.border{ border-color:rgb(196, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 200,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4692, 60.2643, 103.0001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 200, 255) }
```

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

```
.background{ background-color: rgb(196,  
200, 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](#).

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