

Converting Colors

XYZ(60.8843, 61.9438, 92.7518)

Have a look what the booklet for
XYZ(60.8843, 61.9438, 92.7518)
contains.

XYZ(60.8843, 61.9438, 92.7518)	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(60.8843, 61.9438,
92.7518)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CDF2
RGB	197, 205, 242
RGB Percent	77%, 80%, 95%
CMY	0.2274, 0.1961, 0.0510
CMYK	0.19, 0.15, 0.00, 0.05
HSL	229°, 63%, 86%
HSV	229°, 19%, 95%
XYZ	60.8843, 61.9438, 92.7518
YIQ	206.8260, -16.6450, 9.8110

Conversions

Conversions Part 2

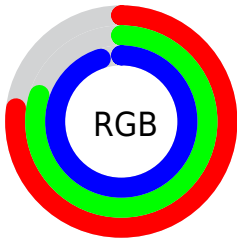
Format	Color
R_{YB}	197, 204, 242
Decimal	12963314
CIE _{Lab}	82.88, 4.79, -19.10
CIE _{LCh}	83, 19.694, 284.085
Yxy	61.9438, 0.2824, 0.2873
Android (android.graphics.Color)	4291153394 (0xFFC5CDF2)
YUV	206.8260, 17.3408, -8.6174
Hunter-Lab	78.7044, 0.3517, -14.7792

Details

The XYZ color **60.8843, 61.9438, 92.7518** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.1193, 81.7540, 64.5930**, and the grayscale version is **59.0974, 62.1751, 67.7087**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **31.2572, 31.5180, 50.8905** is the 20% darker color. If you saturate the color by 10%, you get **50.5886, 50.0157, 90.9931**, and if you desaturate by 10%, it is **72.8062, 75.6119, 94.7627**.

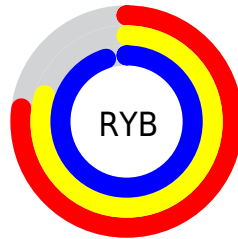
Distribution



Red (77%)

Green (80%)

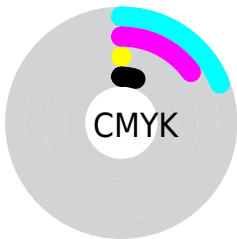
Blue (95%)



Red (77%)

Yellow (80%)

Blue (95%)

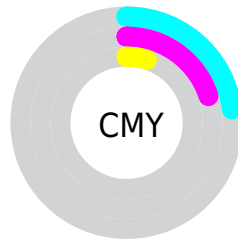


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (5%)



Cyan (23%)

Magenta (20%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8843, 61.9438, 92.7518 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 60.8843, 61.9438, 92.7518 by changing the saturation by 10% instead.

■ 60.8843, 61.9438,
92.7518

■ 60.8843, 61.9438,
92.7518

417.6323,
431.7261, 557.7417

■ 44.3840, 44.9873,
69.6787

105.2105,
107.6443, 153.1237

■ 31.1717, 31.4474,
50.7895

133.7670,
137.1571, 191.2595

■ 20.8821, 20.9398,
35.6655

167.0730,
171.6241, 235.2534

■ 13.1498, 13.0800,
23.8883

205.4938,
211.4297, 285.5238

■ 7.6095, 7.4837,
15.0394

249.3948,
256.9583, 342.4893

■ 3.8958, 3.7664,
8.7001

299.1413,

■ 1.6434, 1.5437,

308.5943, 406.5684

4.4520

355.0987,
366.7221, 478.1797

■ 0.4204, 0.3192,
1.8764

■ 0.0000, 0.0000,
0.4777

■ 60.8843, 61.9438,
92.7518

■ 60.8843, 61.9438,
92.7518

■ 50.5886, 50.0157,
90.9931

■ 72.8062, 75.6119,
94.7627

■ 41.8424, 39.7496,
89.4725

■ 86.4153, 91.0784,
97.0307

■ 34.5711, 31.0730,
88.1810

■ 93.0272, 99.1909,
98.2481

■ 28.6917, 23.9050,
87.1073

■ 24.1127, 18.1571,
86.2392

■ 20.7311, 13.7315,
85.5632

■ 18.4276, 10.5169,
85.0641

■ 17.0402, 8.3737,
84.7236

■ 16.8923, 8.1412,
84.6865

Harmonies

Analogous

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



56.6661, 61.9438, 92.5131



60.8843, 61.9438, 92.7518



64.7382, 61.9438, 85.6671

Triad

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



60.8843, 61.9438, 92.7518



64.9348, 61.9438, 52.4567



51.3708, 61.9438, 61.2380

Complementary

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



60.8843, 61.9438, 92.7518



76.1193, 81.7540, 64.5930

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.



53.3783, 61.9438, 52.0116



60.8843, 61.9438, 92.7518



61.1421, 61.9438, 47.3734

Square

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



60.8843, 61.9438, 92.7518



67.1517, 61.9438, 61.9165



56.9118, 61.9438, 47.2209



51.3093, 61.9438, 73.2959

Rectangle

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



60.8843, 61.9438, 92.7518



66.5256, 61.9438, 78.1856



56.9118, 61.9438, 47.2209



51.8360, 61.9438, 57.7383

Sweetspot

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



60.8862, 61.9463, 92.7532



85.7609, 89.4478, 107.3528



69.5947, 81.3019, 89.6797



18.1490, 18.9093, 22.9433



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.



60.8862, 61.9463, 92.7532



64.3468, 64.8886, 103.7411



62.9303, 60.2307, 92.3143



15.1245, 15.6832, 19.9516



9.1440, 4.5123, 45.5169



0.8245, 0.5031, 3.8079

Inverse Universe

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



67.6052, 63.2191, 66.3998



73.1337, 66.6582, 69.2530



73.7470, 83.9897, 65.1496



15.8875, 15.8047, 16.9640



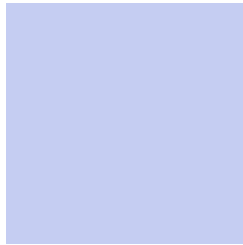
19.9411, 10.2489, 2.3404



1.6911, 0.8655, 0.3644

Previews

White Background



This preview shows how the XYZ color 60.8843, 61.9438, 92.7518 looks on a white background.

Color Contrast Check

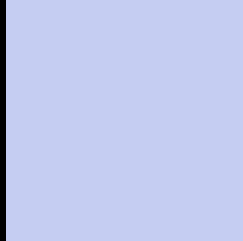
Large Text (above 18pt) WCAG AA × Fail

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 60.8843, 61.9438, 92.7518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

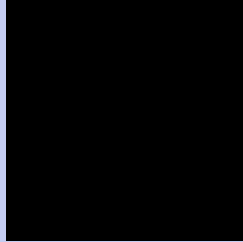
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8843, 61.9438, 92.7518

Background



This preview shows how black text looks on a background with the XYZ color 60.8843, 61.9438, 92.7518.

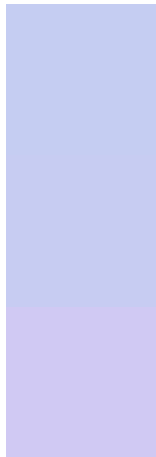


This preview shows how white text looks on a background with the XYZ color 60.8843, 61.9438,

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

60.8843, 61.9438, 92.7518

Protanopia

61.1731, 61.7387, 92.6970

Deuteranopia

63.0767, 61.6542, 93.3700



Tritanopia

58.3946, 62.0173, 80.1270

Trichromacy



Original Color

60.8843, 61.9438, 92.7518

Protanomaly

60.9086, 61.6023, 92.6846

Deuteranomaly

62.2000, 61.5495, 93.3960

Tritanomaly

59.2423, 61.9973, 84.4456

Monochromacy



Original Color

60.8843, 61.9438, 92.7518

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6182, 62.0064, 76.5364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8843, 61.9438, 92.7518 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(197, 205, 242)` looks like.

```
.text, #text, p{  
    color:rgb(197, 205, 242)  
}
```

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(197, 205, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 205, 242) }
```

Border

The CSS property to change the border of an element to XYZ 60.8843, 61.9438, 92.7518 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(197, 205, 242) }
```


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

```
.border{ border-color:rgb(197, 205, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 205, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 205, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 205, 242);  
box-shadow:4px 4px 4px 4px rgb(197, 205,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8843, 61.9438, 92.7518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 205, 242) }
```

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

```
.background{ background-color: rgb(197,  
205, 242) }
```

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