

Converting Colors

XYZ(62.9138, 61.0742, 95.5335)

Have a look what the booklet for
XYZ(62.9138, 61.0742, 95.5335)
contains.

XYZ(63.0210, 61.2278, 95.6854)	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(63.0210, 61.2278,
95.6854)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC8F6
RGB	207, 200, 246
RGB Percent	81%, 78%, 96%
CMY	0.1882, 0.2157, 0.0353
CMYK	0.16, 0.19, 0.00, 0.04
HSL	249°, 72%, 87%
HSV	249°, 19%, 96%
XYZ	63.0210, 61.2278, 95.6854
YIQ	207.3370, -10.5940, 15.7900

Conversions

Conversions Part 2

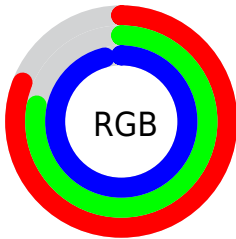
Format	Color
R _Y B	207, 200, 246
Decimal	13617398
CIE Lab	82.50, 11.43, -21.74
CIE LCh	83, 24.559, 297.725
Yxy	61.2278, 0.2865, 0.2784
Android (android.graphics.Color)	4291807478 (0xFFCFC8F6)
YUV	207.3370, 19.0609, -0.2955
Hunter-Lab	78.2482, 6.8293, -17.7287

Details

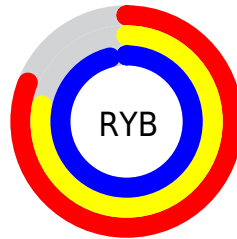
The XYZ color **63.0210, 61.2278, 95.6854** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.9797, 88.4340, 67.5532**, and the grayscale version is **59.4128, 62.5069, 68.0700**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5220, 30.9509, 52.9752** is the 20% darker color. If you saturate the color by 10%, you get **52.3285, 47.9288, 93.6830**, and if you desaturate by 10%, it is **75.4037, 76.7619, 98.0321**.

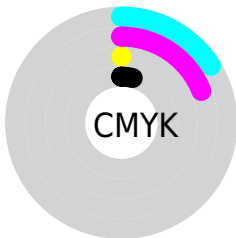
Distribution



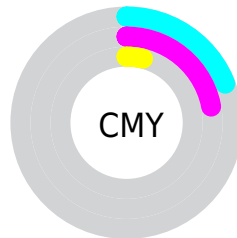
- Red (81%)
- Green (78%)
- Blue (96%)



- Red (81%)
- Yellow (78%)
- Blue (96%)



- Cyan (16%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (19%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0210, 61.2278, 95.6854 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 63.0210, 61.2278, 95.6854 by changing the saturation by 10% instead.

■ 63.0210, 61.2278,
95.6854

■ 63.0210, 61.2278,
95.6854

425.3042,
429.1088, 567.3972

■ 46.1169, 44.4090,
72.1055

108.2814,
106.6087, 157.2149

■ 32.5431, 30.9922,
52.7575

137.3685,
135.9396, 196.0016

■ 21.9342, 20.5929,
37.2228

171.2473,
170.2101, 240.6943

■ 13.9249, 12.8268,
25.0829

210.2831,
209.8044, 291.7116

■ 8.1498, 7.3094,
15.9193

254.8414,
255.1071, 349.4720

■ 4.2436, 3.6563,
9.3133

305.2874,

■ 1.8408, 1.4832,

306.5024, 414.3940

4.8465

361.9865,
364.3748, 486.8962

■ 0.5421, 0.2769,
2.1003

■ 0.0000, 0.0000,
0.6160

■ 63.0210, 61.2278,
95.6854

■ 63.0210, 61.2278,
95.6854

■ 52.3285, 47.9288,
93.6830

■ 75.4037, 76.7619,
98.0321

■ 43.2468, 36.7544,
92.0048

■ 89.5400, 94.6198,
100.7340

■ 35.6986, 27.5960,
90.6348

■ 93.6347, 99.4339,
101.4474

■ 29.5978, 20.3323,
89.5544

■ 24.8498, 14.8290,
88.7423

■ 21.3482, 10.9336,
88.1750

■ 18.9698, 8.4672,
87.8243

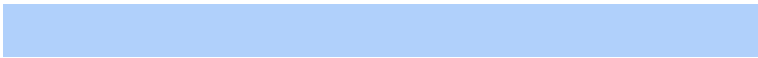
■ 17.5502, 7.1774,
87.6502

■ 17.4131, 7.0552,
87.6338

Harmonies

Analogous

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



57.7952, 61.2278, 99.9431



63.0210, 61.2278, 95.6854



67.1581, 61.2278, 83.3339

Triad

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



63.0210, 61.2278, 95.6854



63.7561, 61.2278, 45.0811



48.6764, 61.2278, 65.5251

Complementary

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



63.0210, 61.2278, 95.6854



78.9797, 88.4340, 67.5532

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.



50.0675, 61.2278, 52.3846



63.0210, 61.2278, 95.6854



58.5970, 61.2278, 41.7420

Square

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



63.0210, 61.2278, 95.6854



67.6001, 61.2278, 54.0962



53.6222, 61.2278, 44.2024



49.7057, 61.2278, 81.0476

Rectangle

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



63.0210, 61.2278, 95.6854



68.6314, 61.2278, 73.0066



53.6222, 61.2278, 44.2024



48.8745, 61.2278, 60.7048

Sweetspot

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



63.0229, 61.2303, 95.6868



85.7493, 88.2458, 107.1214



71.3517, 80.7265, 99.0109



18.1462, 18.6264, 22.8888



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.



63.0229, 61.2303, 95.6868



64.3043, 61.3490, 103.0601



69.8919, 64.7714, 96.0082



15.8158, 16.0477, 20.8065



9.3666, 3.8030, 46.7784



0.8921, 0.3697, 4.1146

Inverse Universe

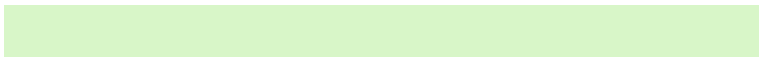
The Inverse Universe completely reimagines the original color for something new.



74.2423, 67.1359, 90.7095



78.3464, 68.7433, 96.7029



71.7315, 84.6973, 67.2140



17.0989, 16.7224, 20.2674



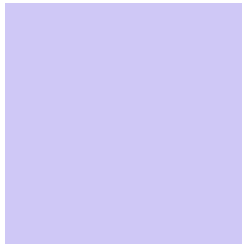
26.4430, 12.9206, 33.3709



2.3528, 1.1471, 3.0842

Previews

White Background



This preview shows how the XYZ color 63.0210, 61.2278, 95.6854 looks on a white background.

Color Contrast Check

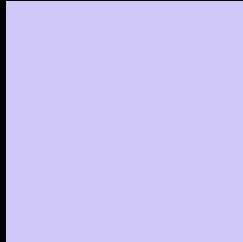
Large Text (above 18pt) WCAG AA × Fail

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 63.0210, 61.2278, 95.6854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

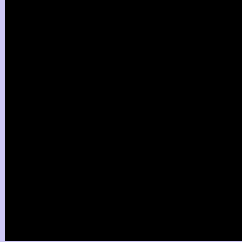
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0210, 61.2278, 95.6854

Background



This preview shows how black text looks on a background with the XYZ color 63.0210, 61.2278, 95.6854.



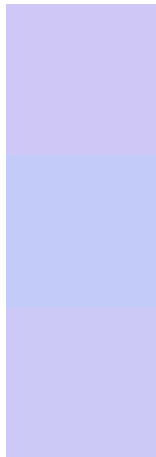
This preview shows how white text looks on a background with the XYZ color 63.0210, 61.2278,

95.6854.

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

63.0210, 61.2278, 95.6854

Protanopia

60.8049, 61.0913, 97.3940

Deuteranopia

62.6980, 61.4062, 95.7368



Tritanopia

59.2726, 61.1027, 77.0766

Trichromacy



Original Color

63.0210, 61.2278, 95.6854

Protanomaly

61.4622, 61.0986, 96.5495

Deuteranomaly

62.9748, 61.5489, 95.7498

Tritanomaly

60.5407, 61.2624, 83.4969

Monochromacy



Original Color

63.0210, 61.2278, 95.6854

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.3761, 61.6716, 77.1283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0210, 61.2278, 95.6854 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(207, 200, 246)` looks like.

```
.text, #text, p{  
    color:rgb(207, 200, 246)  
}
```

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(207, 200, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 200, 246) }
```

Border

The CSS property to change the border of an element to XYZ 63.0210, 61.2278, 95.6854 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(207, 200, 246) }
```


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

```
.border{ border-color:rgb(207, 200, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 200, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 200, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 200, 246);  
box-shadow:4px 4px 4px 4px rgb(207, 200,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0210, 61.2278, 95.6854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 200, 246) }
```

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

```
.background{ background-color: rgb(207,  
200, 246) }
```

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