

Converting Colors

XYZ(62.4549, 60.7820, 90.8177)

Have a look what the booklet for
XYZ(62.4549, 60.7820, 90.8177)
contains.

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Color

**XYZ(62.4461, 60.6934,
90.8618)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C7F0
RGB	209, 199, 240
RGB Percent	82%, 78%, 94%
CMY	0.1804, 0.2196, 0.0588
CMYK	0.13, 0.17, 0.00, 0.06
HSL	255°, 58%, 86%
HSV	255°, 17%, 94%
XYZ	62.4461, 60.6934, 90.8618
YIQ	206.6640, -7.2010, 14.8710

Conversions

Conversions Part 2

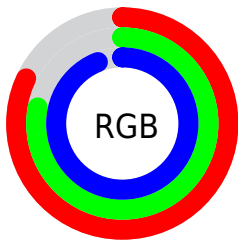
Format	Color
R _Y B	209, 199, 240
Decimal	13748208
CIE Lab	82.21, 11.33, -18.96
CIE LCh	82, 22.090, 300.871
Yxy	60.6934, 0.2918, 0.2836
Android (android.graphics.Color)	4291938288 (0xFFD1C7F0)
YUV	206.6640, 16.4346, 2.0487
Hunter-Lab	77.9060, 6.7425, -14.6158

Details

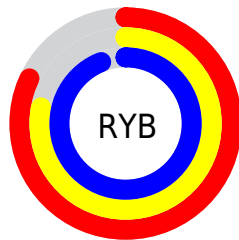
The XYZ color **62.4461, 60.6934, 90.8618** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.1040, 83.2682, 66.2023**, and the grayscale version is **58.9946, 62.0669, 67.5909**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1036, 30.5815, 49.5582** is the 20% darker color. If you saturate the color by 10%, you get **52.5086, 48.0106, 88.9385**, and if you desaturate by 10%, it is **73.8430, 75.4244, 93.1054**.

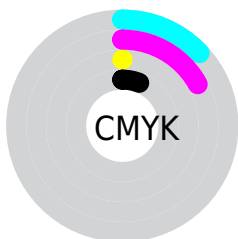
Distribution



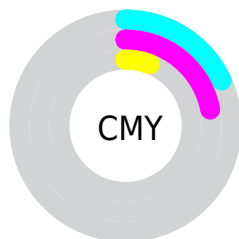
- Red (82%)
- Green (78%)
- Blue (94%)



- Red (82%)
- Yellow (78%)
- Blue (94%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (18%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4461, 60.6934, 90.8618 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 62.4461, 60.6934, 90.8618 by changing the saturation by 10% instead.

■ 62.4461, 60.6934,
90.8618

■ 62.4461, 60.6934,
90.8618

423.2481,
427.1489, 551.4726

■ 45.6502, 43.9778,
68.1179

107.4563,
105.8349, 150.4809

■ 32.1733, 30.6530,
49.5264

136.4014,
135.0295, 188.1931

■ 21.6501, 20.3348,
34.6687

170.1268,
169.1526, 231.7319

■ 13.7152, 12.6386,
23.1263

208.9981,
208.5886, 281.5157

■ 8.0032, 7.1802,
14.4806

253.3805,
253.7218, 337.9632

■ 4.1488, 3.5750,
8.3131

303.6394,

■ 1.7867, 1.4388,

304.9367, 401.4928

4.2053

360.1402,
362.6176, 472.5230

■ 0.5096, 0.2451,
1.7386

■ 0.0000, 0.0000,
0.3870

■ 62.4461, 60.6934,
90.8618

■ 62.4461, 60.6934,
90.8618

■ 52.5086, 48.0106,
88.9385

■ 73.8430, 75.4244,
93.1054

■ 43.9647, 37.2769,
87.3170

■ 86.7504, 92.2817,
95.6789

■ 36.7516, 28.3963,
85.9830

■ 92.7284, 99.0713,
96.6744

■ 30.7996, 21.2615,
84.9196

■ 26.0320, 15.7541,
84.1078

■ 22.3634, 11.7402,
83.5264

■ 19.6956, 9.0641,
83.1505

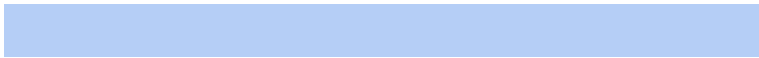
■ 17.9073, 7.5275,
82.9482

■ 17.5042, 7.2068,
82.9075

Harmonies

Analogous

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



57.8247, 60.6934, 95.4644



62.4461, 60.6934, 90.8618



65.9407, 60.6934, 79.4905

Triad

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



62.4461, 60.6934, 90.8618



62.1957, 60.6934, 45.9695



49.1207, 60.6934, 66.4788

Complementary

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



62.4461, 60.6934, 90.8618



74.1040, 83.2682, 66.2023

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.



50.1529, 60.6934, 54.2780



62.4461, 60.6934, 90.8618



57.5500, 60.6934, 43.4514

Square

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



62.4461, 60.6934, 90.8618



65.7907, 60.6934, 53.6828



53.1765, 60.6934, 46.2790



50.2781, 60.6934, 80.2634

Rectangle

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



62.4461, 60.6934, 90.8618



67.0707, 60.6934, 70.2735



53.1765, 60.6934, 46.2790



49.2226, 60.6934, 62.0659

Sweetspot

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



62.4480, 60.6959, 90.8631



87.6583, 90.3504, 107.4270



67.7009, 75.2703, 93.3994



18.5477, 19.0591, 22.9512



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.



62.4480, 60.6959, 90.8631



68.0911, 65.0713, 103.5790



68.4879, 63.8096, 91.1458



15.2583, 15.4148, 19.8928



9.6821, 3.9967, 45.3890



0.8925, 0.3773, 3.7800

Inverse Universe

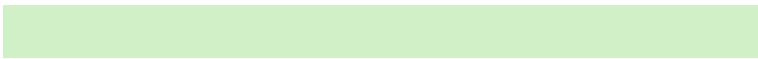
The Inverse Universe completely reimagines the original color for something new.



70.6435, 65.0878, 83.7054



78.9446, 70.8904, 93.9707



68.0302, 80.1370, 65.9180



16.2799, 15.9617, 19.0301



24.3190, 12.0000, 25.3940



2.0619, 1.0138, 2.3170

Previews

White Background



This preview shows how the XYZ color 62.4461, 60.6934, 90.8618 looks on a white background.

Color Contrast Check

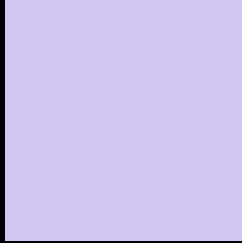
Large Text (above 18pt) WCAG AA × Fail

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 62.4461, 60.6934, 90.8618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

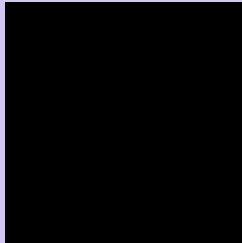
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4461, 60.6934, 90.8618

Background



This preview shows how black text looks on a background with the XYZ color 62.4461, 60.6934, 90.8618.



This preview shows how white text looks on a background with the XYZ color 62.4461, 60.6934,

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

62.4461, 60.6934, 90.8618

Protanopia

60.1479, 60.8584, 92.5811

Deuteranopia

62.1146, 60.8652, 90.9124



Tritanopia

59.3190, 60.8055, 75.6280

Trichromacy



Original Color

62.4461, 60.6934, 90.8618

Protanomaly

61.0851, 61.0094, 91.7756

Deuteranomaly

62.3949, 61.0097, 90.9256

Tritanomaly

60.4393, 60.9089, 81.2442

Monochromacy



Original Color

62.4461, 60.6934, 90.8618

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.3915, 61.7101, 75.7461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4461, 60.6934, 90.8618 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(209, 199, 240)` looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 240)  
}
```

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(209, 199, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 240) }
```

Border

The CSS property to change the border of an element to XYZ 62.4461, 60.6934, 90.8618 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(209, 199, 240) }
```


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

```
.border{ border-color:rgb(209, 199, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 199, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 199, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 199, 240);  
box-shadow:4px 4px 4px 4px rgb(209, 199,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4461, 60.6934, 90.8618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 199, 240) }
```

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

```
.background{ background-color: rgb(209,  
199, 240) }
```

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](#).

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