

Converting Colors

XYZ(62.8926, 62.6108, 90.5804)

Have a look what the booklet for
XYZ(62.8926, 62.6108, 90.5804)
contains.

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Color

**XYZ(62.9050, 62.6831,
90.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCCEF
RGB	207, 204, 239
RGB Percent	81%, 80%, 94%
CMY	0.1882, 0.2000, 0.0627
CMYK	0.13, 0.15, 0.00, 0.06
HSL	245°, 52%, 87%
HSV	245°, 15%, 94%
XYZ	62.9050, 62.6831, 90.4450
YIQ	208.8870, -9.4470, 11.5210

Conversions

Conversions Part 2

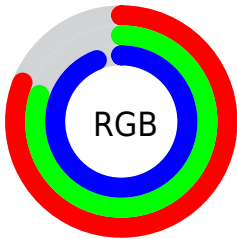
Format	Color
R _Y B	207, 204, 239
Decimal	13618415
CIE Lab	83.28, 7.82, -16.84
CIE LCh	83, 18.569, 294.908
Yxy	62.6831, 0.2912, 0.2902
Android (android.graphics.Color)	4291808495 (0xFFFCFCCEF)
YUV	208.8870, 14.8457, -1.6549
Hunter-Lab	79.1727, 3.2713, -12.3107

Details

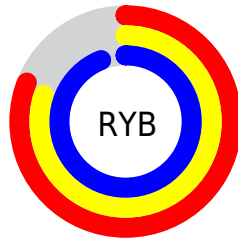
The XYZ color **62.9050, 62.6831, 90.4450** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.3598, 83.9271, 69.3046**, and the grayscale version is **60.4430, 63.5907, 69.2503**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4025, 31.9070, 49.2506** is the 20% darker color. If you saturate the color by 10%, you get **51.9662, 49.2497, 88.4296**, and if you desaturate by 10%, it is **75.5643, 78.3007, 92.7933**.

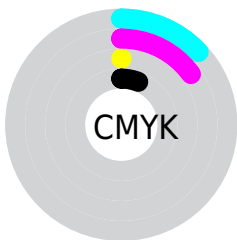
Distribution



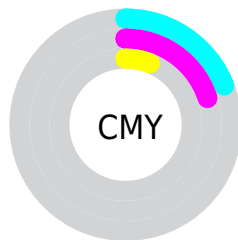
- Red (81%)
- Green (80%)
- Blue (94%)



- Red (81%)
- Yellow (80%)
- Blue (94%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (19%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9050, 62.6831, 90.4450 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 62.9050, 62.6831, 90.4450 by changing the saturation by 10% instead.

■ 62.9050, 62.6831,
90.4450

■ 62.9050, 62.6831,
90.4450

424.8898,
434.4185, 550.0848

■ 46.0227, 45.5849,
67.7740

108.1150,
108.7122, 149.8973

■ 32.4684, 31.9184,
49.2483

137.1735,
138.4119, 187.5156

■ 21.8768, 21.2992,
34.4495

171.0214,
173.0808, 230.9535

■ 13.8825, 13.3429,
22.9590

210.0240,
213.1034, 280.6295

■ 8.1202, 7.6651,
14.3582

254.5469,
258.8641, 336.9620

■ 4.2244, 3.8814,
8.2286

304.9552,

■ 1.8298, 1.6074,

310.7472, 400.3697

4.1517

361.6144,
369.1372, 471.2711

■ 0.5356, 0.3626,
1.7090

■ 0.0000, 0.0000,
0.3669

■ 62.9050, 62.6831,
90.4450

■ 62.9050, 62.6831,
90.4450

■ 51.9662, 49.2497,
88.4296

■ 75.5643, 78.3007,
92.7933

■ 42.6680, 37.8955,
86.7281

■ 90.0079, 96.1854,
95.4841

■ 34.9329, 28.5189,
85.3259

■ 92.5802, 99.0121,
95.8941

■ 28.6745, 21.0065,
84.2057

■ 23.7985, 15.2333,
83.3484

■ 20.1992, 11.0592,
82.7324

■ 17.7556, 8.3220,
82.3329

■ 16.3229, 6.8249,
82.1194

■ 15.8784, 6.3858,
82.0581

Harmonies

Analogous

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



58.8927, 62.6831, 92.8530



62.9050, 62.6831, 90.4450



66.1526, 62.6831, 81.8340

Triad

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



62.9050, 62.6831, 90.4450



64.1494, 62.6831, 51.6418



52.1821, 62.6831, 66.2987

Complementary

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



62.9050, 62.6831, 90.4450



76.3598, 83.9271, 69.3046

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.



53.4549, 62.6831, 56.2613



62.9050, 62.6831, 90.4450



60.2694, 62.6831, 48.4310

Square

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



62.9050, 62.6831, 90.4450



66.8935, 62.6831, 59.3171



56.3712, 62.6831, 50.0220



52.8171, 62.6831, 78.0403

Rectangle

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



62.9050, 62.6831, 90.4450



67.3850, 62.6831, 74.1996



56.3712, 62.6831, 50.0220



52.3993, 62.6831, 62.6296

Sweetspot

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



62.9069, 62.6857, 90.4464



88.5336, 91.9377, 107.6873



70.5032, 79.1099, 93.2162



18.6956, 19.3641, 23.0022



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.



62.9069, 62.6857, 90.4464



68.3248, 67.0209, 103.9430



68.0447, 65.3344, 90.6868



15.0227, 15.2934, 19.8818



8.8189, 3.5517, 45.3486



0.7764, 0.3175, 3.7746

Inverse Universe

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



72.3319, 67.5952, 88.5945



81.4884, 73.8794, 101.2885



70.8557, 81.0897, 69.0470



16.3924, 16.0067, 19.6228



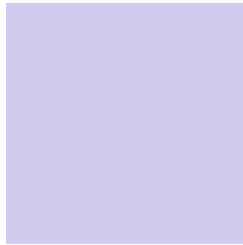
26.7275, 12.9634, 38.0774



2.2405, 1.0853, 3.2575

Previews

White Background



This preview shows how the XYZ color 62.9050, 62.6831, 90.4450 looks on a white background.

Color Contrast Check

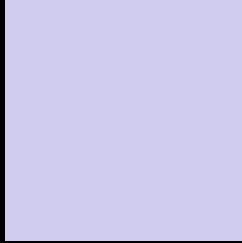
Large Text (above 18pt) WCAG AA × Fail

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 62.9050, 62.6831, 90.4450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

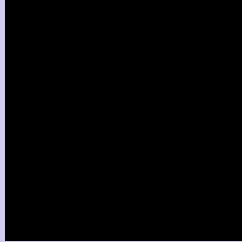
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9050, 62.6831, 90.4450

Background



This preview shows how black text looks on a background with the XYZ color 62.9050, 62.6831, 90.4450.



This preview shows how white text looks on a background with the XYZ color 62.9050, 62.6831,

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

62.9050, 62.6831, 90.4450

Protanopia

61.8869, 62.8514, 91.3078

Deuteranopia

63.8519, 62.4701, 90.3539



Tritanopia

60.5339, 62.7907, 78.7414

Trichromacy



Original Color

62.9050, 62.6831, 90.4450

Protanomaly

62.1881, 62.6504, 91.2532

Deuteranomaly

63.5143, 62.6455, 90.4056

Tritanomaly

61.3910, 62.7789, 83.0106

Monochromacy



Original Color

62.9050, 62.6831, 90.4450

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.2435, 63.2029, 76.6816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9050, 62.6831, 90.4450 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, 204, 239)` looks like.

```
.text, #text, p{  
    color:rgb(207, 204, 239)  
}
```

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, 204, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 204, 239) }
```

Border

The CSS property to change the border of an element to XYZ 62.9050, 62.6831, 90.4450 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, 204, 239) }
```


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

```
.border{ border-color:rgb(207, 204, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 204, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 204, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 204, 239);  
box-shadow:4px 4px 4px 4px rgb(207, 204,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9050, 62.6831, 90.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 204, 239) }
```

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

```
.background{ background-color: rgb(207,  
204, 239) }
```

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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